

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122021\
 Data File : VD071395.D
 Acq On : 20 Dec 2021 18:19
 Operator : VA/SY
 Sample : M5044-12
 Misc : 6.25G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DA-12-4.5

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Title : SW846 8260

Signal : TIC: VD071395.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.350	63	73	82	rBV	69436	125067	4.56%	0.349%
2	3.038	179	190	205	rBV	871192	1940547	70.77%	5.417%
3	3.414	245	254	263	rBV	100449	227429	8.29%	0.635%
4	4.144	361	378	391	rBV3	241090	814572	29.71%	2.274%
5	4.950	500	515	522	rBV3	373784	1431720	52.22%	3.997%
6	5.497	592	608	624	rBV3	286032	1004551	36.64%	2.804%
7	5.997	683	693	709	rVB4	71407	229082	8.35%	0.640%
8	6.273	734	740	749	rBV6	12901	35959	1.31%	0.100%
9	6.926	839	851	860	rBV2	179986	557827	20.34%	1.557%
10	7.032	860	869	880	rVB2	144518	424223	15.47%	1.184%
11	7.203	891	898	906	rVB4	15793	44654	1.63%	0.125%
12	7.667	969	977	980	rBV4	11682	30657	1.12%	0.086%
13	7.914	1008	1019	1023	rBV	342798	834844	30.45%	2.331%
14	7.979	1023	1030	1037	rVV2	709805	1828353	66.68%	5.104%
15	8.067	1037	1045	1057	rVB2	359156	916097	33.41%	2.557%
16	8.185	1057	1065	1073	rBV	189610	429013	15.65%	1.198%
17	8.326	1081	1089	1103	rBV	335385	764856	27.90%	2.135%
18	8.508	1103	1120	1130	rBV	781010	2205714	80.45%	6.158%
19	8.602	1130	1136	1147	rVB3	52917	123348	4.50%	0.344%
20	8.720	1147	1156	1169	rVB	118938	289516	10.56%	0.808%
21	8.861	1171	1180	1188	rBV	949547	1951705	71.18%	5.449%
22	9.349	1248	1263	1268	rBV3	273178	696978	25.42%	1.946%
23	9.402	1268	1272	1280	rVV2	125692	251757	9.18%	0.703%
24	9.485	1280	1286	1290	rVV2	58359	118525	4.32%	0.331%
25	9.532	1290	1294	1301	rVB3	46477	85775	3.13%	0.239%
26	9.626	1301	1310	1316	rBV7	27821	73579	2.68%	0.205%
27	9.779	1328	1336	1345	rVB	469795	969535	35.36%	2.707%
28	9.908	1345	1358	1365	rBV	702802	1487597	54.25%	4.153%
29	9.973	1365	1369	1372	rBV3	63278	88442	3.23%	0.247%
30	10.108	1382	1392	1404	rBV4	94968	270178	9.85%	0.754%
31	10.261	1412	1418	1424	rBV2	168925	310934	11.34%	0.868%
32	10.332	1424	1430	1442	rVV	1490038	2741869	100.00%	7.654%
33	10.520	1454	1462	1470	rVB5	103495	227209	8.29%	0.634%
34	10.679	1484	1489	1496	rBV7	13652	37096	1.35%	0.104%
35	10.779	1497	1506	1514	rVB6	60196	164420	6.00%	0.459%
36	10.861	1514	1520	1524	rVB6	19840	42757	1.56%	0.119%

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Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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37	10.949	1526	1535	1540	rBV6	18273	45857	1.67%	0.128%
38	11.049	1547	1552	1560	rVB5	19940	48242	1.76%	0.135%
39	11.149	1565	1569	1573	rVV6	25562	46475	1.70%	0.130%
40	11.420	1607	1615	1626	rVB6	35831	92800	3.38%	0.259%
41	11.520	1627	1632	1637	rBV4	30695	52245	1.91%	0.146%
42	11.638	1644	1652	1661	rBV	1332550	2294638	83.69%	6.406%
43	11.738	1663	1669	1678	rVV	228792	396077	14.45%	1.106%
44	11.843	1678	1687	1699	rVV	313360	641133	23.38%	1.790%
45	12.173	1734	1743	1751	rBV2	96683	197788	7.21%	0.552%
46	12.473	1788	1794	1799	rBV	95938	153283	5.59%	0.428%
47	12.626	1810	1820	1829	rVB	969583	1692013	61.71%	4.724%
48	12.808	1845	1851	1857	rVV	161943	268088	9.78%	0.748%
49	12.873	1857	1862	1866	rVV	156797	282910	10.32%	0.790%
50	12.902	1866	1867	1871	rVV	101698	131313	4.79%	0.367%
51	12.949	1871	1875	1882	rVB	265831	415880	15.17%	1.161%
52	13.108	1893	1902	1909	rBV	97398	177982	6.49%	0.497%
53	13.261	1921	1928	1935	rVB	456335	749989	27.35%	2.094%
54	13.385	1941	1949	1956	rBV3	29234	78206	2.85%	0.218%
55	13.567	1972	1980	1991	rVB	1201739	2157913	78.70%	6.024%
56	13.726	2002	2007	2009	rBV2	95963	136702	4.99%	0.382%
57	13.761	2009	2013	2017	rVV2	189999	356738	13.01%	0.996%
58	13.802	2017	2020	2031	rVB3	152677	291837	10.64%	0.815%
59	13.955	2039	2046	2051	rBV	28902	45838	1.67%	0.128%
60	14.020	2051	2057	2060	rBV2	62263	126260	4.60%	0.352%
61	14.102	2066	2071	2078	rVB	138286	213844	7.80%	0.597%
62	14.167	2078	2082	2085	rBV3	19545	31364	1.14%	0.088%
63	14.214	2085	2090	2097	rVV3	74624	131339	4.79%	0.367%
64	14.296	2097	2104	2109	rVV8	21641	41780	1.52%	0.117%
65	14.426	2117	2126	2129	rBV	69490	117864	4.30%	0.329%
66	14.467	2129	2133	2137	rVV	98759	157653	5.75%	0.440%
67	14.508	2137	2140	2144	rVV5	17870	29062	1.06%	0.081%
68	14.696	2167	2172	2177	rBV4	49248	85592	3.12%	0.239%
69	14.814	2184	2192	2197	rBV4	67516	160301	5.85%	0.448%
70	15.079	2231	2237	2248	rVB8	19542	51040	1.86%	0.142%
71	15.190	2250	2256	2263	rVB5	17894	33558	1.22%	0.094%
72	15.384	2283	2289	2295	rVB3	23138	39750	1.45%	0.111%
73	16.473	2469	2474	2482	rVB4	17650	39917	1.46%	0.111%
74	16.684	2504	2510	2516	rVB5	12557	30963	1.13%	0.086%

Sum of corrected areas: 35820619

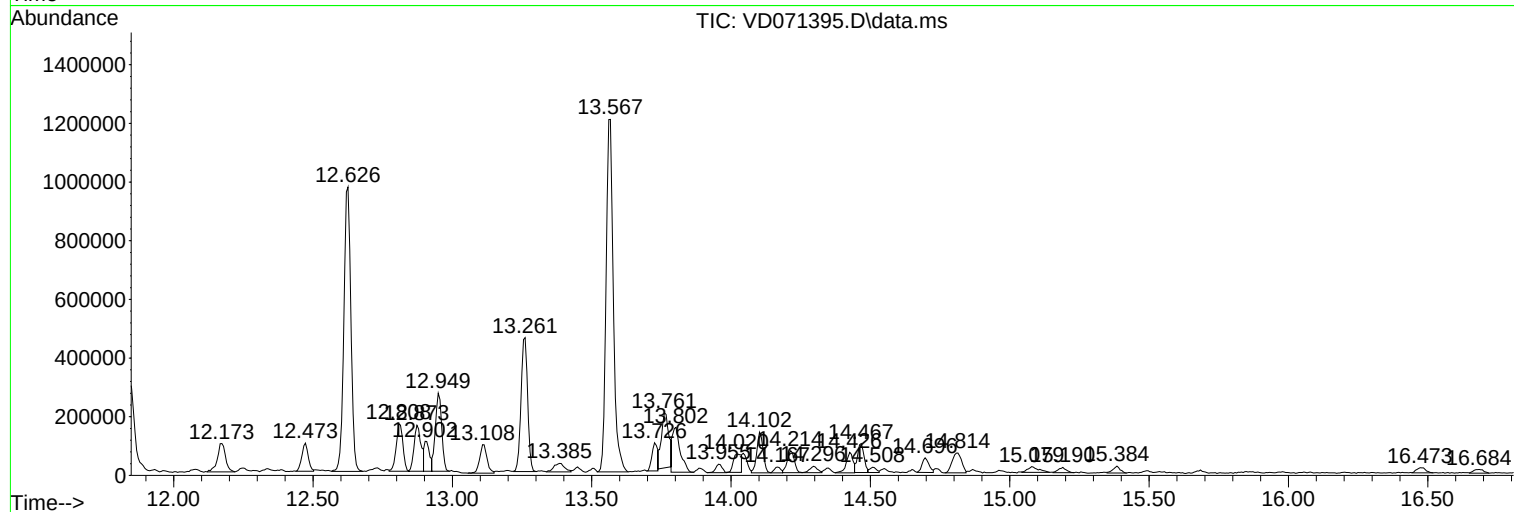
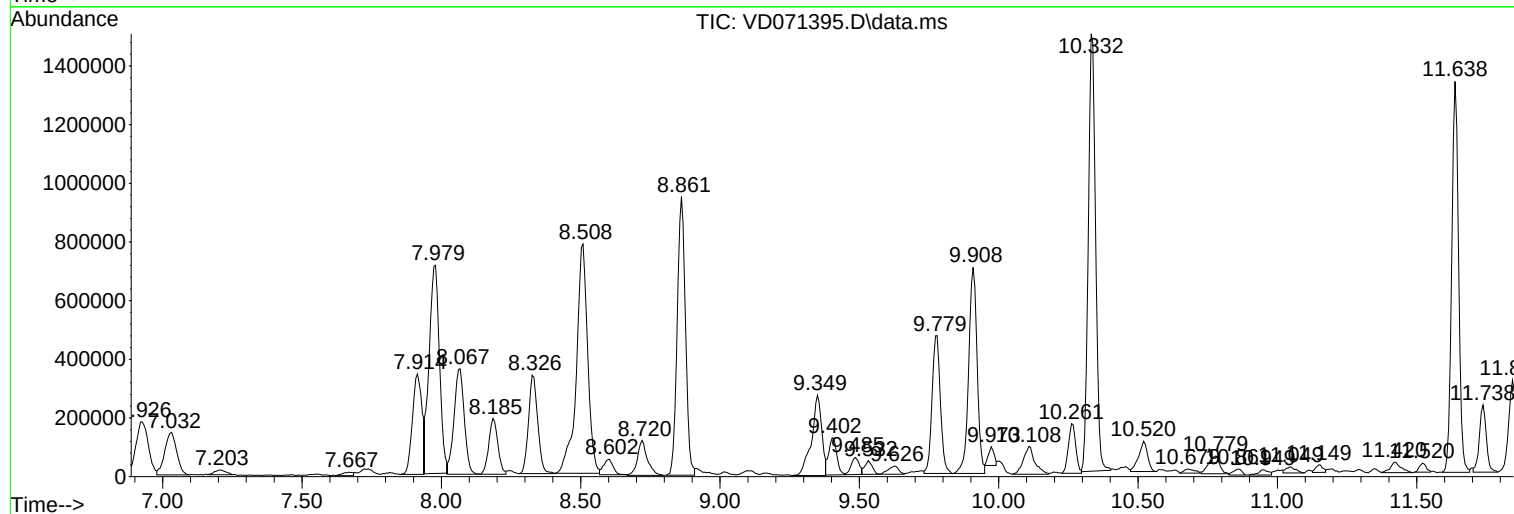
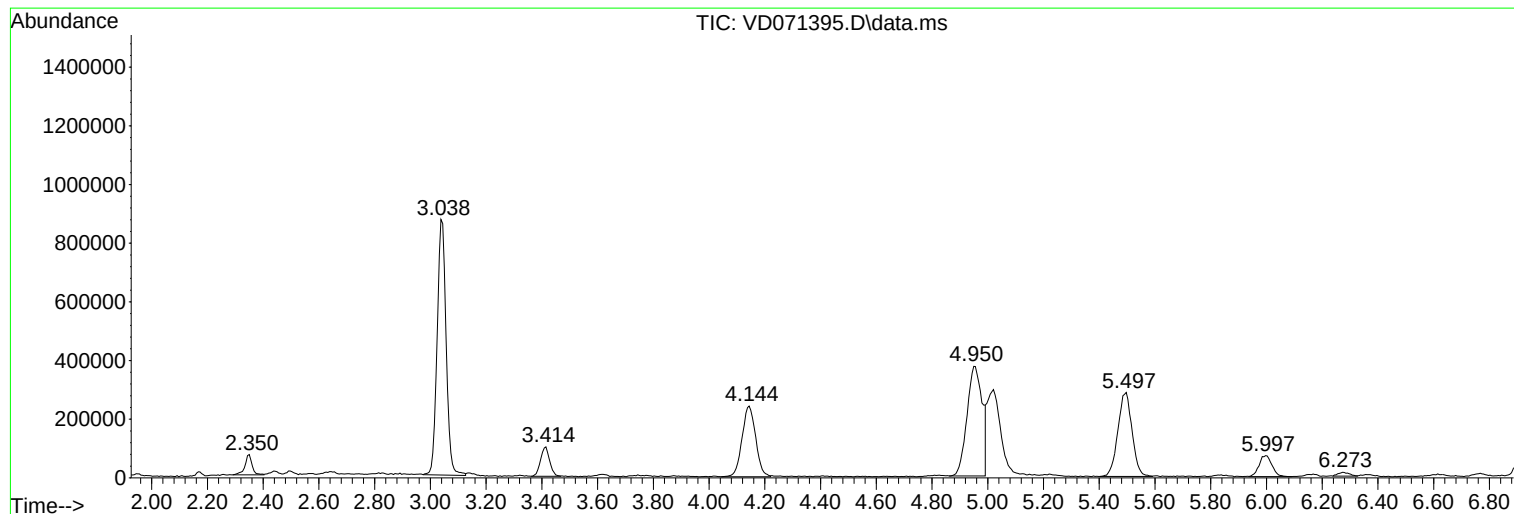
Instrument :
MSVOA_D
ClientSampleId :
DA-12-4.5

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Instrument :
MSVOA_D
ClientSampleId :
DA-12-4.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Misc : 6.25G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DA-12-4.5

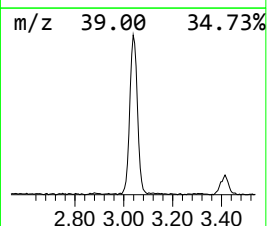
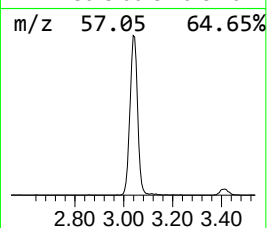
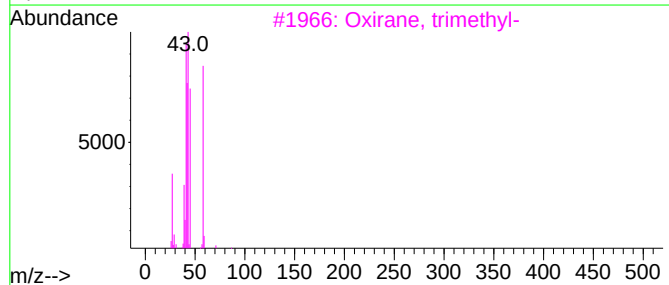
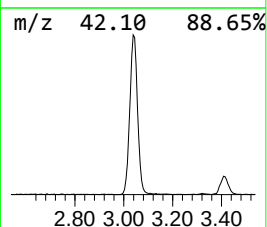
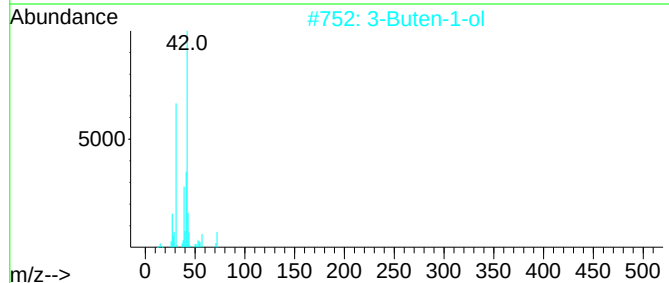
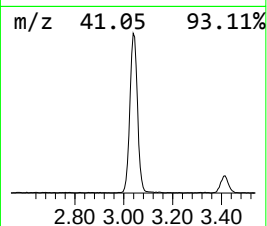
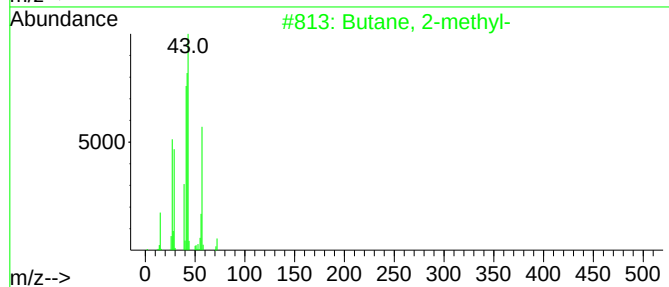
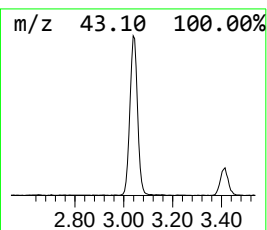
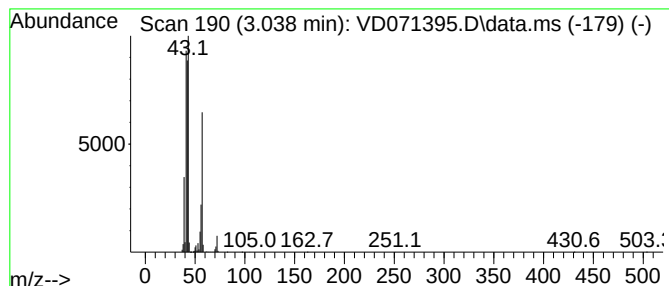
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.038	53.07 ug/l	1940550	Pentafluorobenzene	7.979

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methyl-	72	C5H12	000078-78-4	91
2			3-Buten-1-ol	72	C4H8O	000627-27-0	47
3			Oxirane, trimethyl-	86	C5H10O	005076-19-7	36
4			Pentane	72	C5H12	000109-66-0	33
5			2,5-Furandione, dihydro-3-methyl-	114	C5H6O3	004100-80-5	23



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Misc : 6.25G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DA-12-4.5

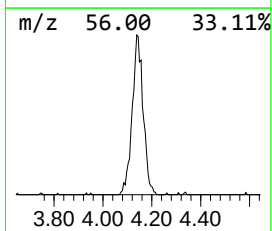
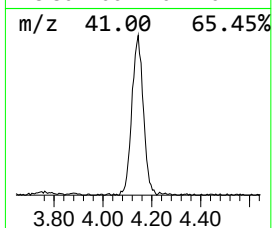
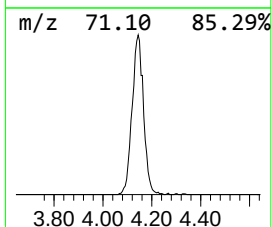
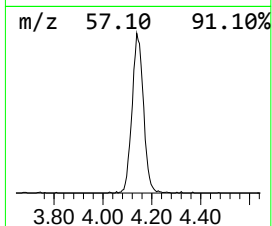
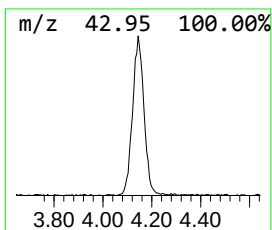
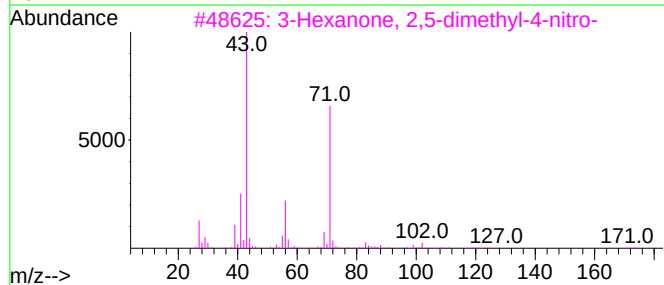
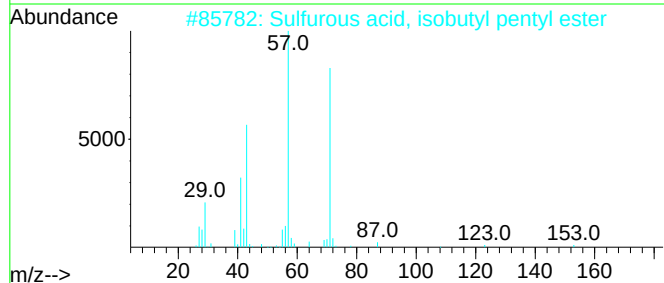
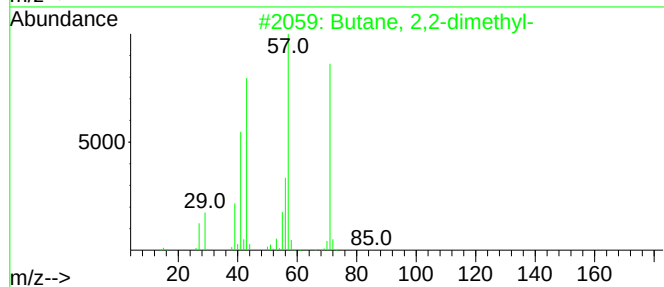
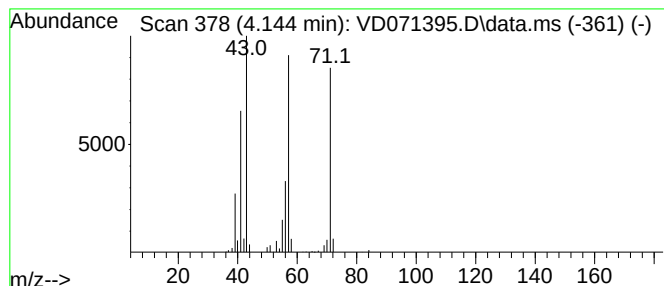
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butane, 2,2-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.144	22.28 ug/l	814572	Pentafluorobenzene	7.979

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	90
2			Sulfurous acid, isobutyl pentyl ...	208	C9H20O3S	1000309-13-8	50
3			3-Hexanone, 2,5-dimethyl-4-nitro-	173	C8H15NO3	059906-54-6	39
4			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	36
5			Methallyl butyrate	142	C8H14O2	1000428-83-8	33



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Instrument :
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ClientSampleId :
DA-12-4.5

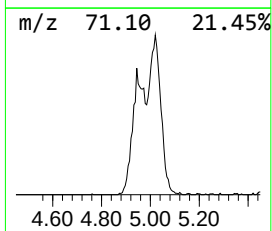
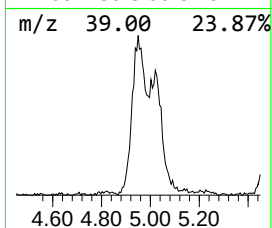
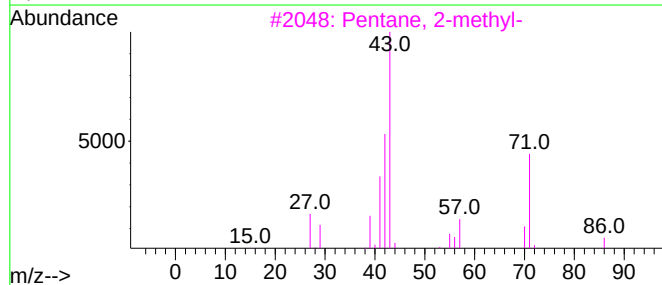
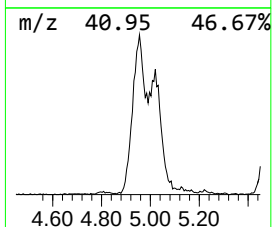
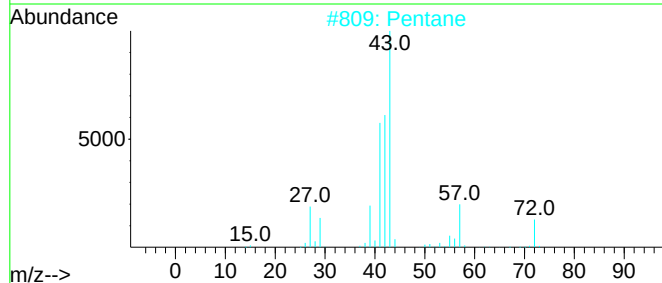
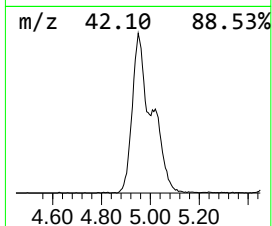
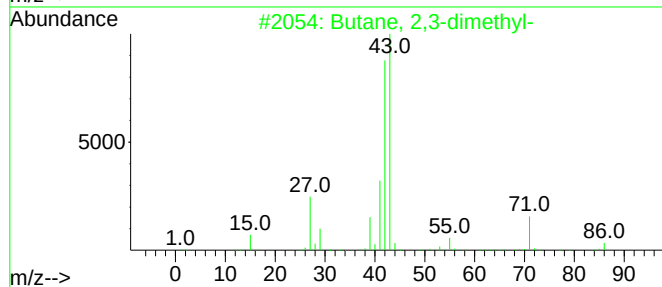
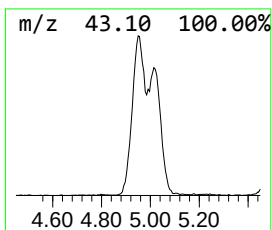
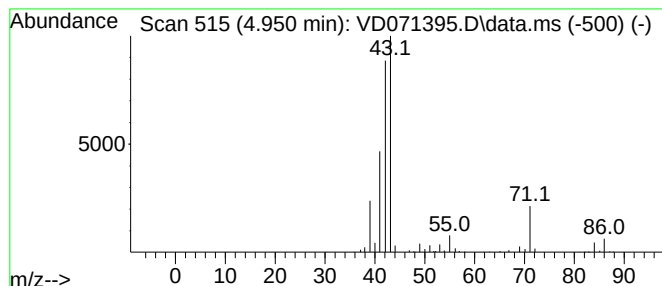
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Butane, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.950	39.15 ug/l	1431720	Pentafluorobenzene	7.979

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
2			Pentane	72	C5H12	000109-66-0	36
3			Pentane, 2-methyl-	86	C6H14	000107-83-5	23
4			Propanoyl chloride, 2-methyl-	106	C4H7ClO	000079-30-1	10
5			Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	9



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Instrument :
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ClientSampleId :
DA-12-4.5

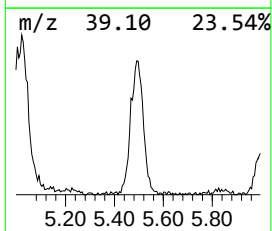
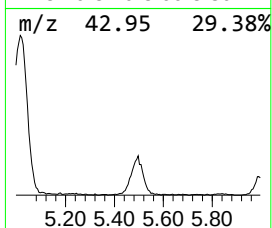
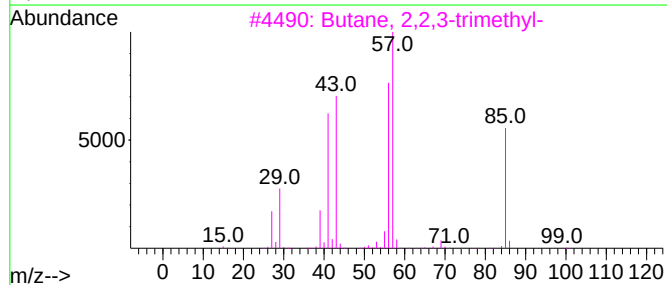
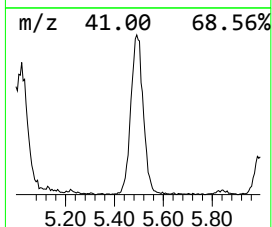
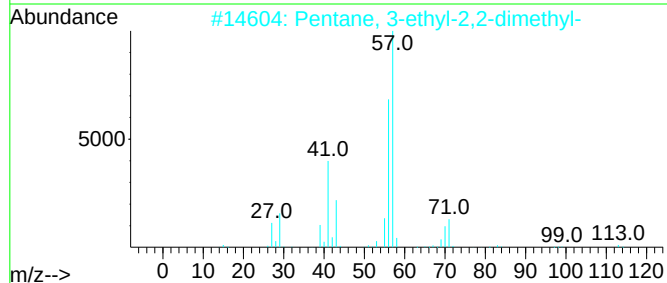
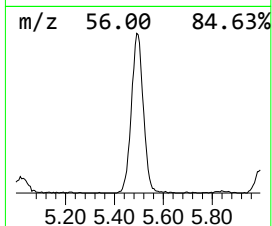
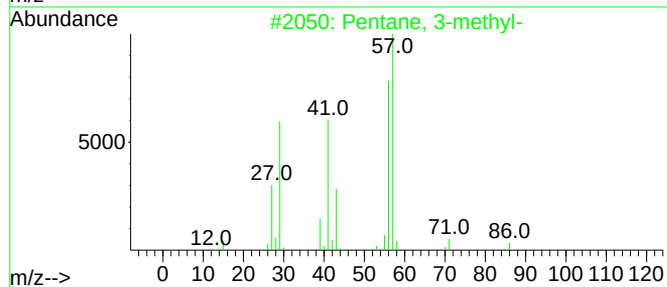
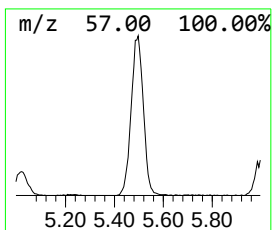
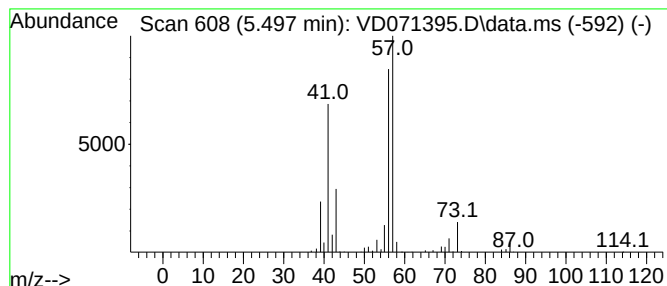
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Pentane, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.497	27.47 ug/l	1004550	Pentafluorobenzene	7.979

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3-methyl-	86	C6H14	000096-14-0	80
2			Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	64
3			Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
4			Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	50
5			Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122021\
Data File : VD071395.D
Acq On : 20 Dec 2021 18:19
Operator : VA/SY
Sample : M5044-12
Misc : 6.25G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DA-12-4.5

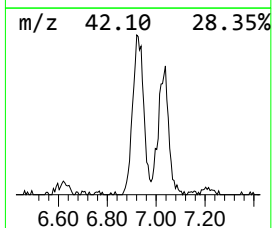
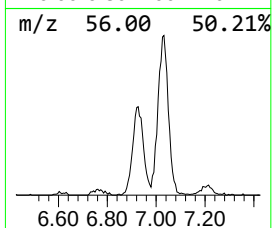
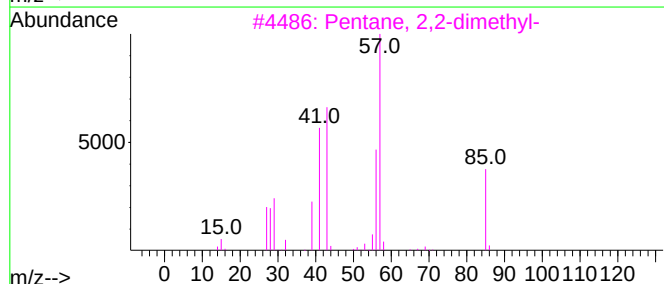
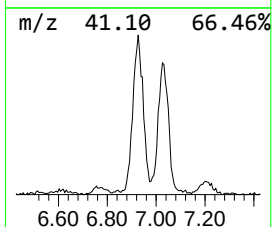
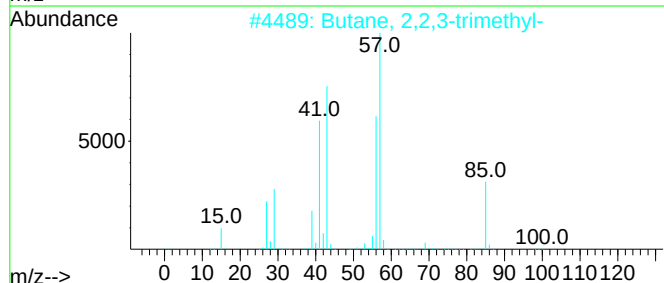
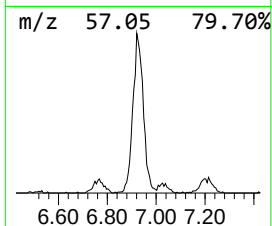
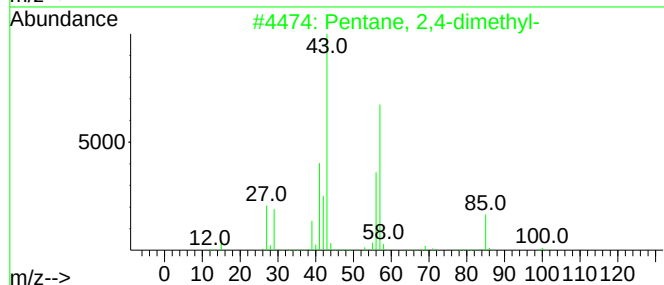
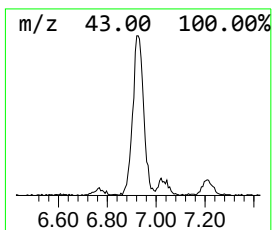
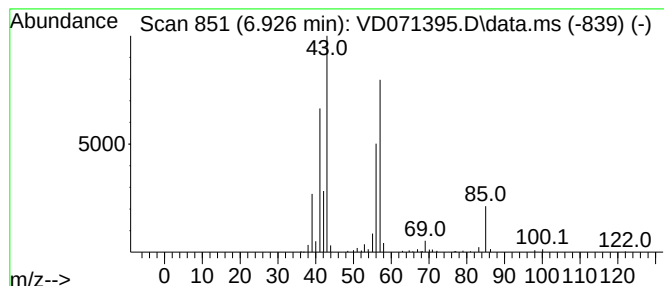
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Pentane, 2,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.926	15.25 ug/l	557827	Pentafluorobenzene	7.979

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	90
2			Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59
3			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	47
4			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	45
5			Hexyl isobutyl carbonate	202	C11H22O3	959067-98-2	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122021\
Data File : VD071395.D
Acq On : 20 Dec 2021 18:19
Operator : VA/SY
Sample : M5044-12
Misc : 6.25G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

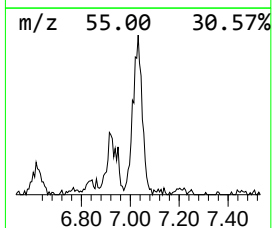
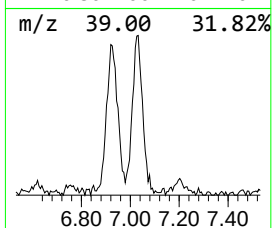
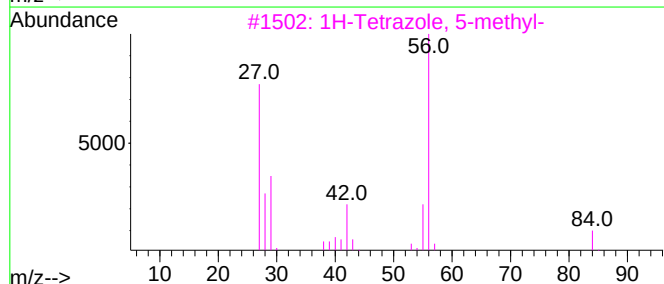
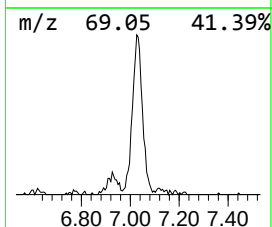
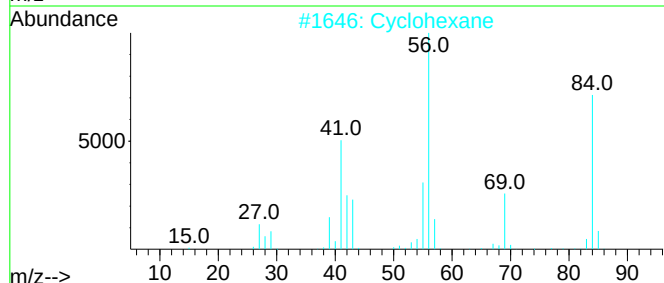
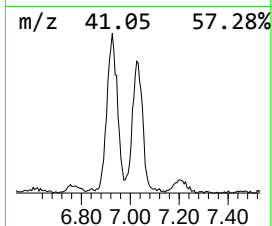
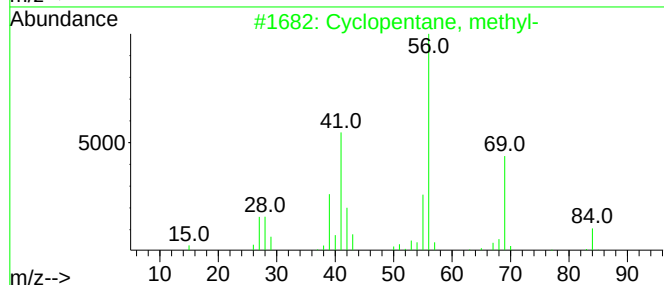
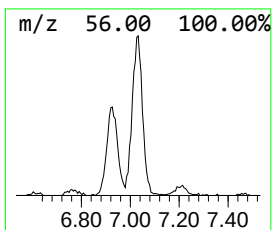
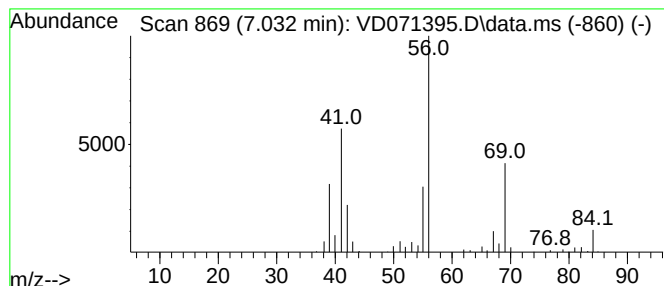
Instrument :
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ClientSampleId :
DA-12-4.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Cyclopentane, methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
7.032	11.60 ug/l	424223	Pentafluorobenzene	7.979	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	87
2	Cyclohexane	84	C6H12	000110-82-7	78
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	59
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	45
5	Cyclopropane, 1-ethyl-2-methyl-,...	84	C6H12	019781-68-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122021\
Data File : VD071395.D
Acq On : 20 Dec 2021 18:19
Operator : VA/SY
Sample : M5044-12
Misc : 6.25G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DA-12-4.5

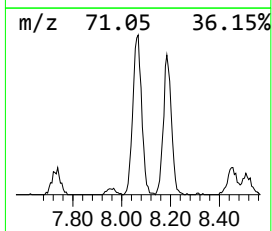
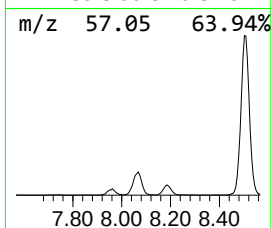
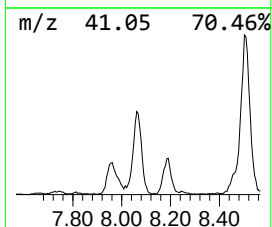
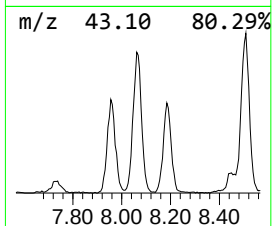
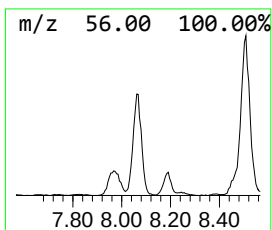
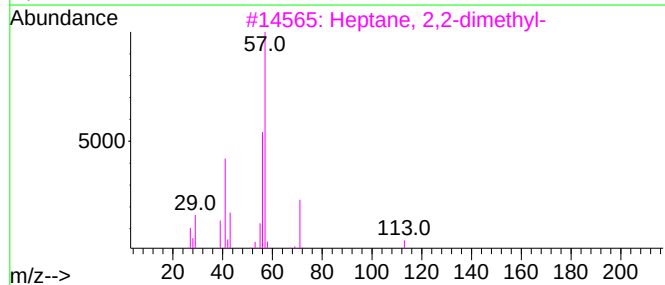
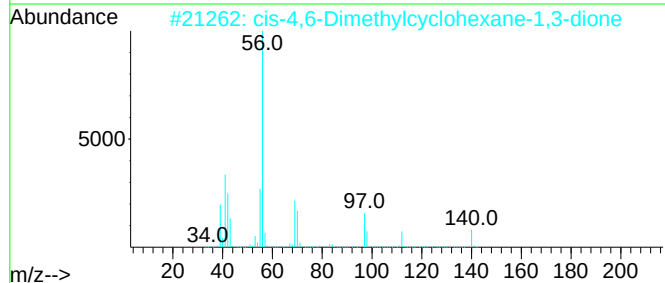
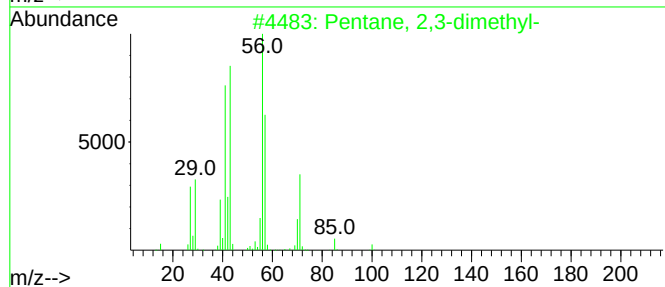
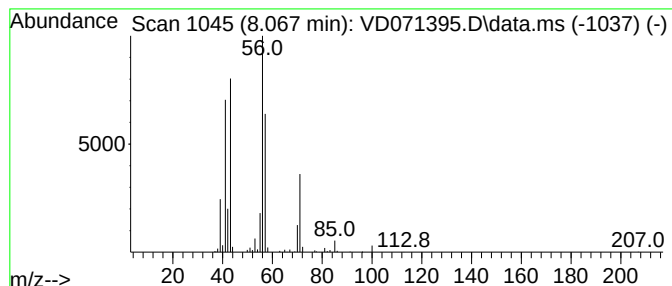
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Pentane, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.067	25.05 ug/l	916097	Pentafluorobenzene	7.979

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	94
2			cis-4,6-Dimethylcyclohexane-1,3-...	140	C8H12O2	069841-15-2	42
3			Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	40
4			Aziridine, 2-methyl-	57	C3H7N	000075-55-8	38
5			1-Hexene, 2-methyl-	98	C7H14	006094-02-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122021\
Data File : VD071395.D
Acq On : 20 Dec 2021 18:19
Operator : VA/SY
Sample : M5044-12
Misc : 6.25G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DA-12-4.5

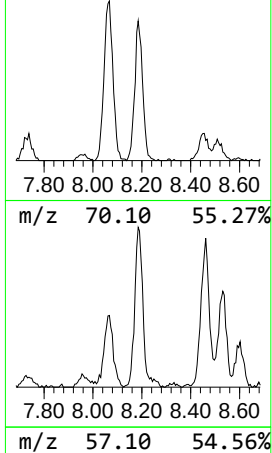
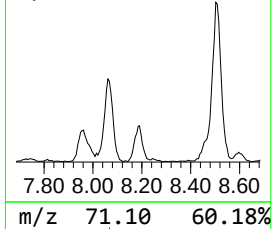
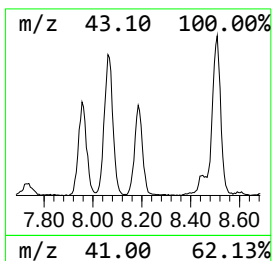
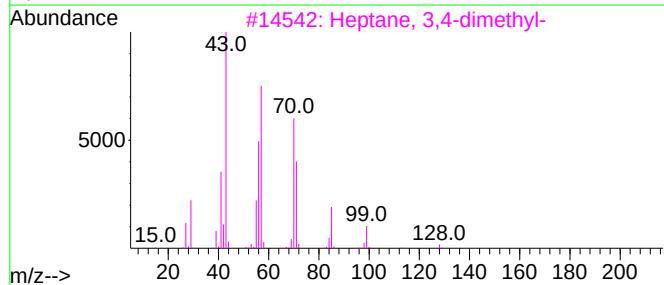
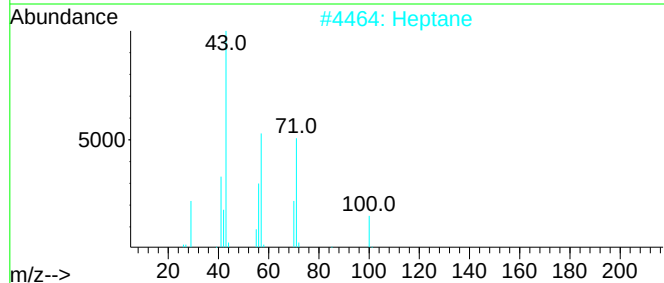
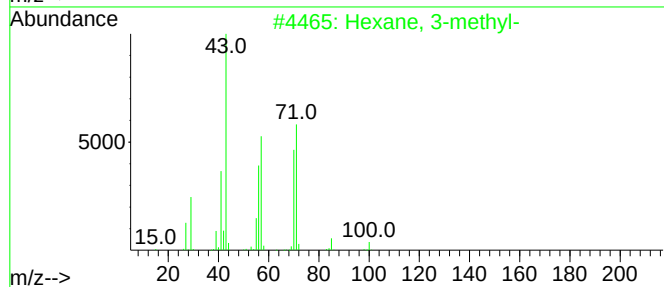
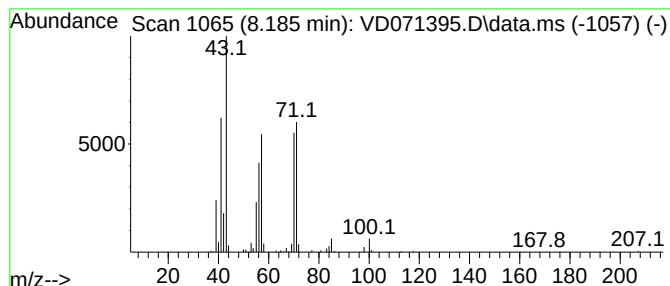
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Hexane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.185	11.73 ug/l	429013	Pentafluorobenzene	7.979

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 3-methyl-	100	C7H16	000589-34-4	91
2			Heptane	100	C7H16	000142-82-5	80
3			Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	59
4			Heptane, 4-methyl-	114	C8H18	000589-53-7	53
5			Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122021\
Data File : VD071395.D
Acq On : 20 Dec 2021 18:19
Operator : VA/SY
Sample : M5044-12
Misc : 6.25G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DA-12-4.5

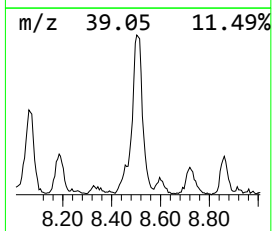
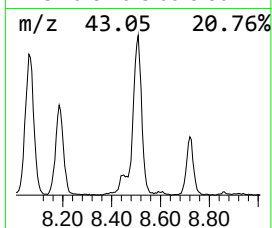
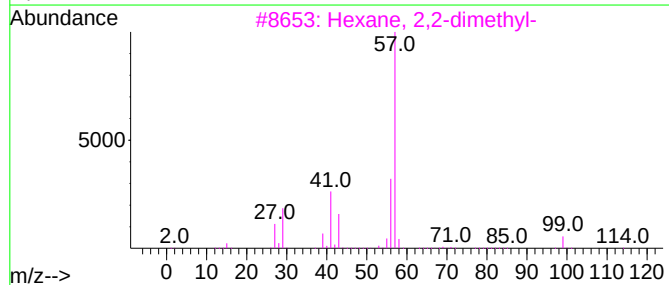
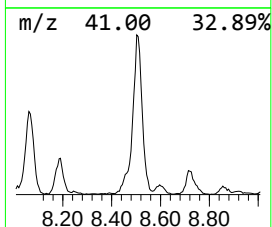
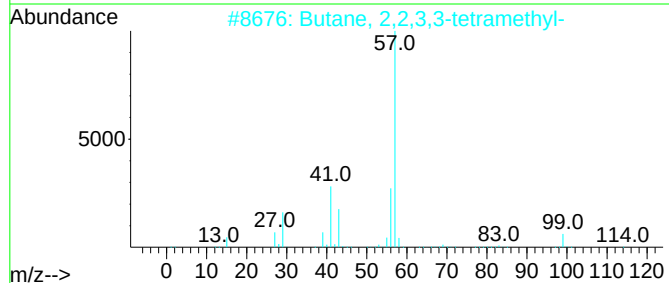
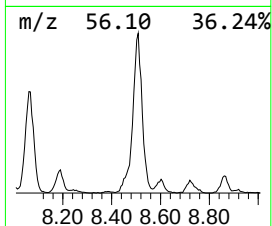
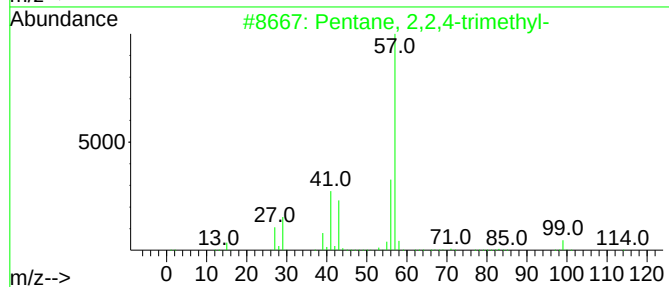
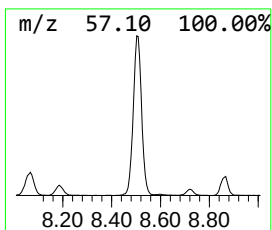
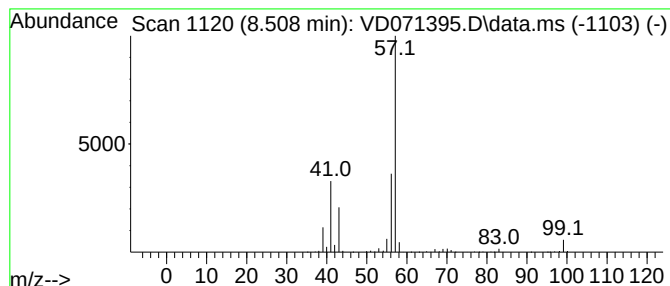
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Pentane, 2,2,4-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.508	56.51 ug/l	2205710	1,4-Difluorobenzene	8.861

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
2		Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
3		Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	59
4		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59
5		2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122021\
Data File : VD071395.D
Acq On : 20 Dec 2021 18:19
Operator : VA/SY
Sample : M5044-12
Misc : 6.25G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DA-12-4.5

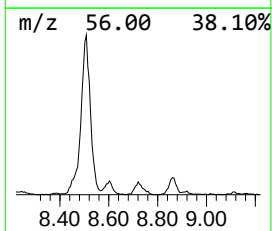
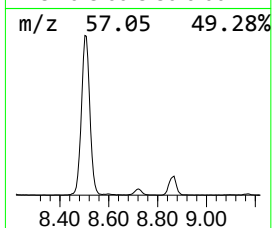
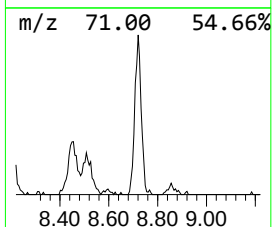
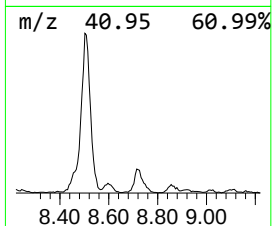
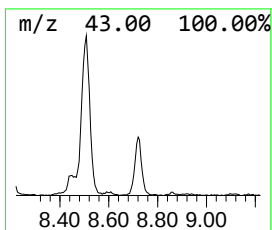
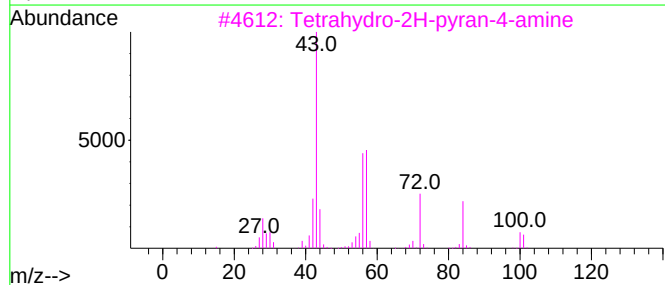
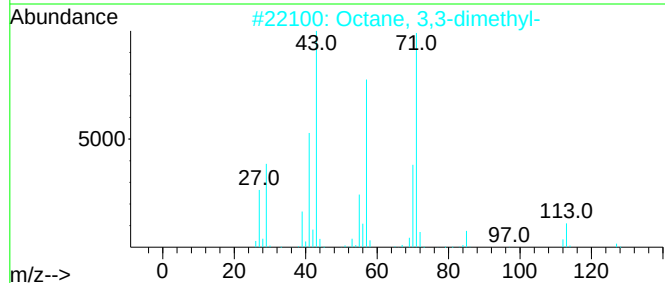
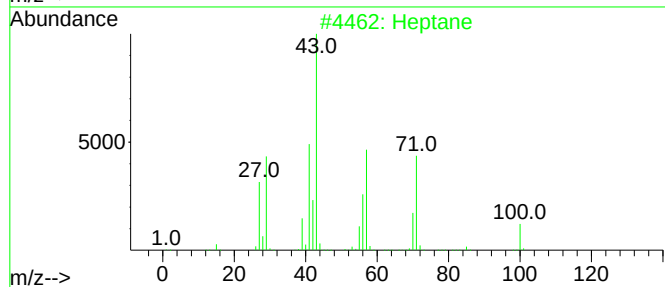
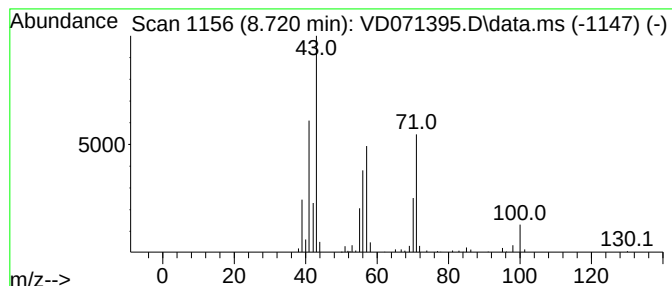
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Heptane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.720	7.42 ug/l	289516	1,4-Difluorobenzene	8.861

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane	100	C7H16	000142-82-5	91
2			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	43
3			Tetrahydro-2H-pyran-4-amine	101	C5H11NO	038041-19-9	38
4			Hexane, 3-methyl-	100	C7H16	000589-34-4	38
5			1-Butanol, 2-methyl-, (S)-	88	C5H12O	001565-80-6	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122021\
Data File : VD071395.D
Acq On : 20 Dec 2021 18:19
Operator : VA/SY
Sample : M5044-12
Misc : 6.25G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DA-12-4.5

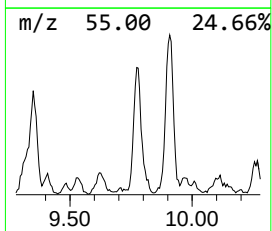
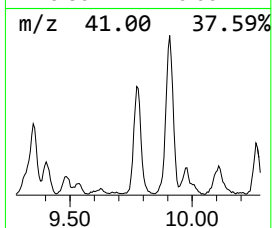
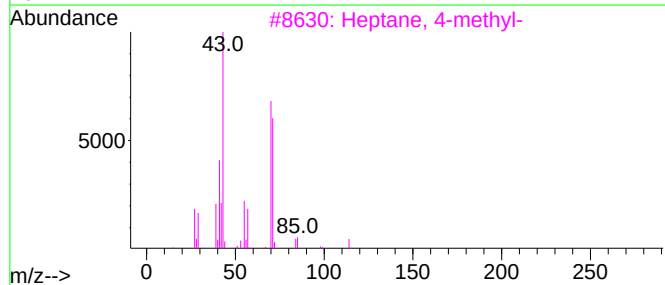
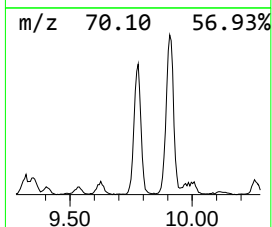
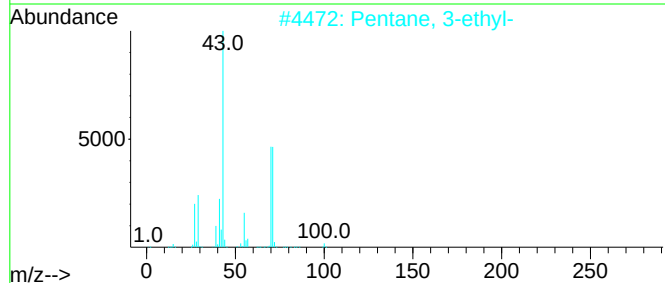
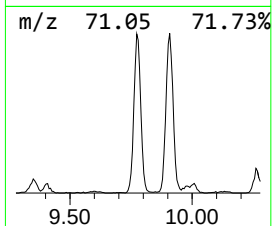
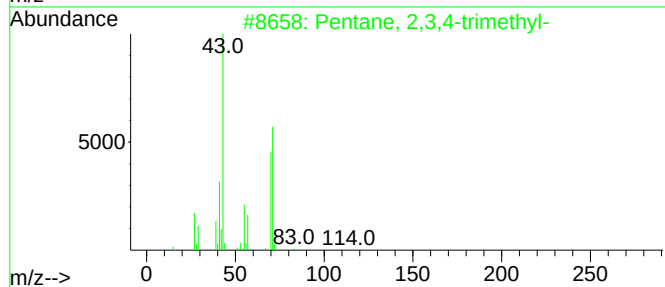
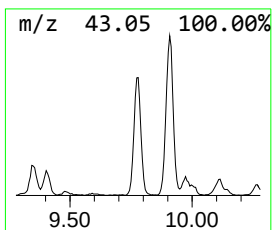
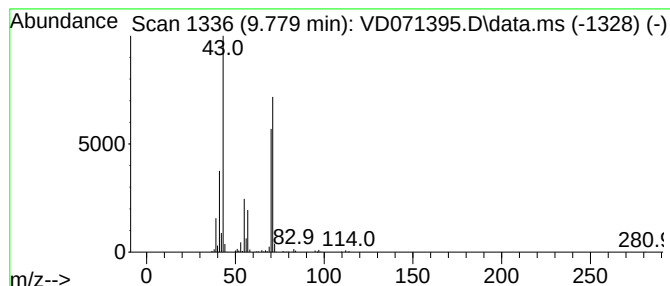
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Pentane, 2,3,4-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.779	24.84 ug/l	969535	1,4-Difluorobenzene	8.861

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2			Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
3			Heptane, 4-methyl-	114	C8H18	000589-53-7	74
4			Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	72
5			Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122021\
Data File : VD071395.D
Acq On : 20 Dec 2021 18:19
Operator : VA/SY
Sample : M5044-12
Misc : 6.25G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DA-12-4.5

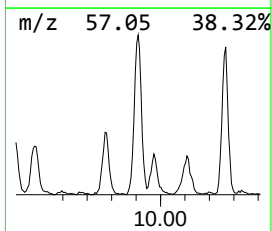
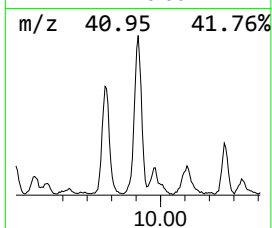
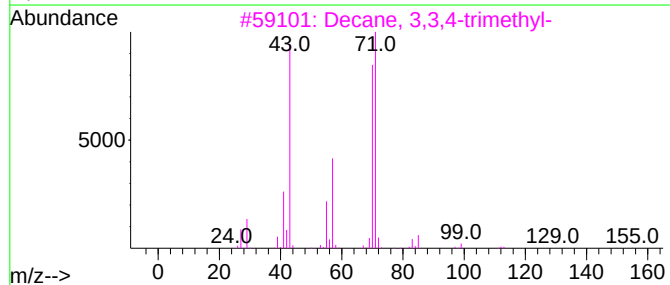
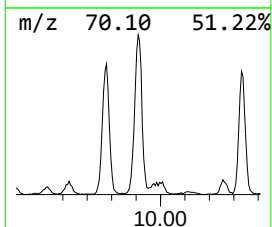
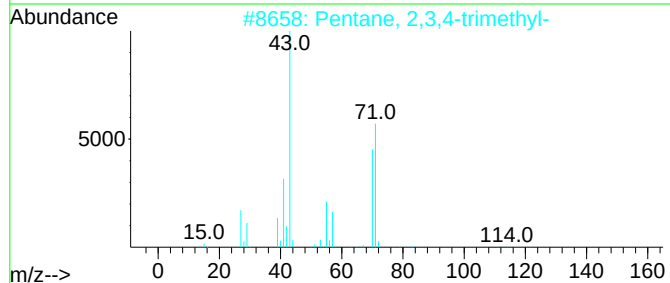
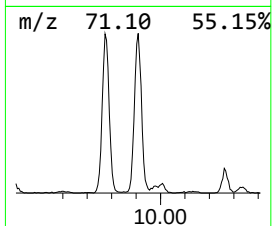
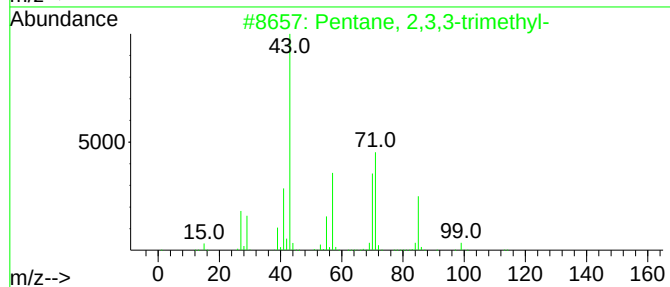
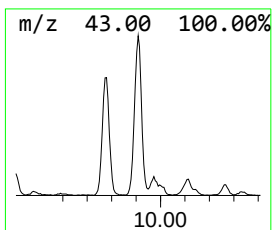
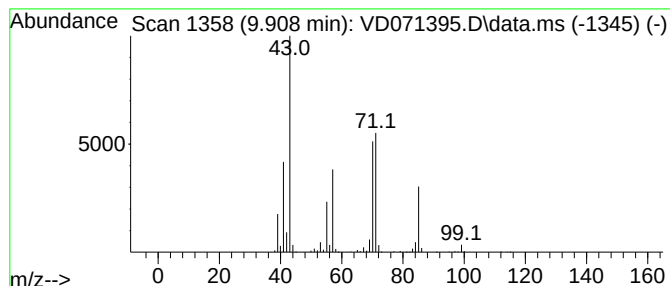
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Pentane, 2,3,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.908	38.11 ug/l	1487600	1,4-Difluorobenzene	8.861

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	81
3			Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64
4			Heptane, 4-methyl-	114	C8H18	000589-53-7	64
5			Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122021\
Data File : VD071395.D
Acq On : 20 Dec 2021 18:19
Operator : VA/SY
Sample : M5044-12
Misc : 6.25G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DA-12-4.5

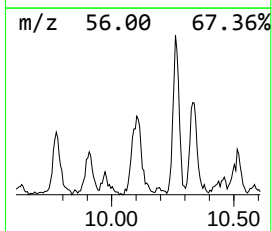
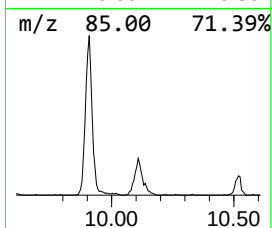
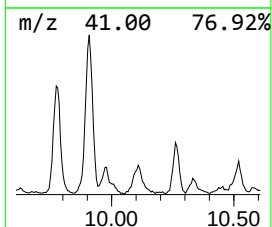
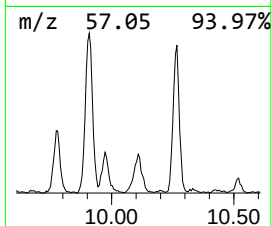
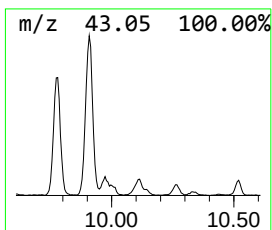
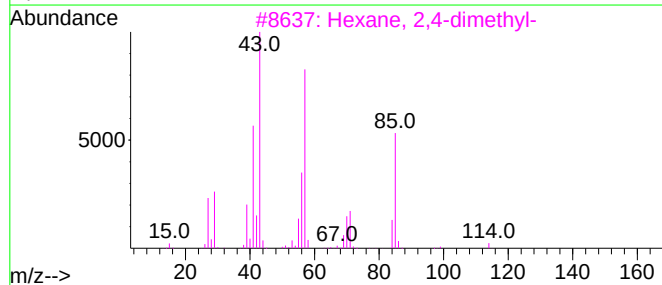
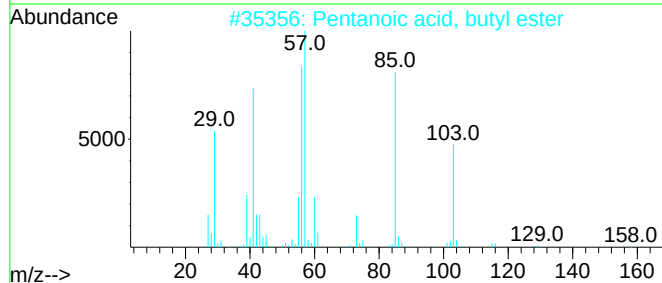
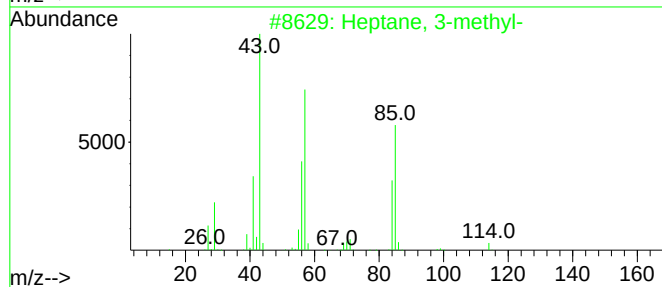
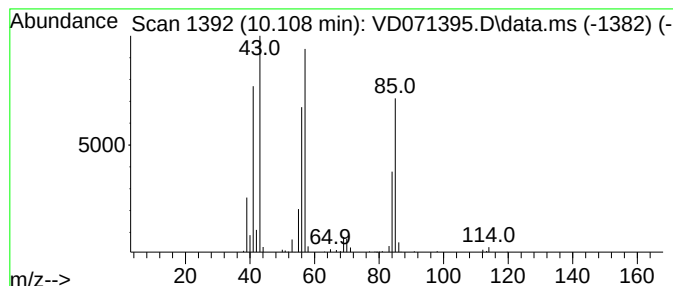
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Heptane, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.108	6.92 ug/l	270178	1,4-Difluorobenzene	8.861

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-methyl-	114	C8H18	000589-81-1	80
2			Pentanoic acid, butyl ester	158	C9H18O2	000591-68-4	59
3			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59
4			Butanoic acid, 3-methyl-, butyl ...	158	C9H18O2	000109-19-3	59
5			Sulfurous acid, butyl isohexyl e...	222	C10H22O3S	1000309-17-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122021\
Data File : VD071395.D
Acq On : 20 Dec 2021 18:19
Operator : VA/SY
Sample : M5044-12
Misc : 6.25G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

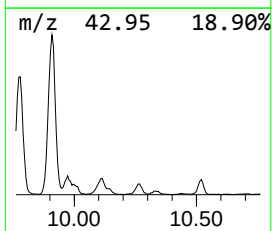
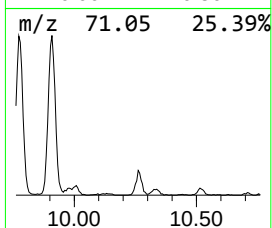
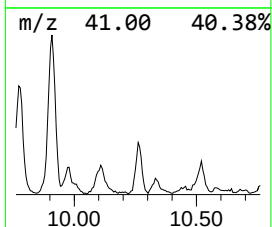
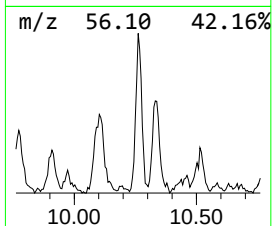
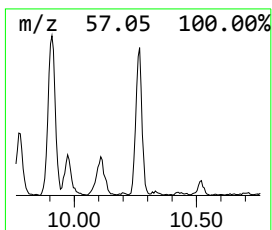
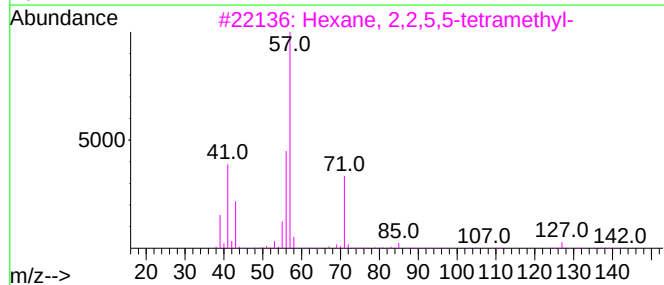
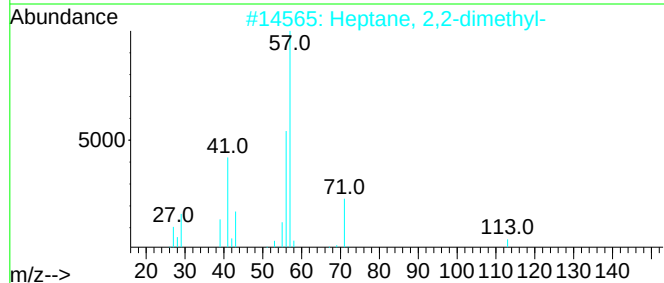
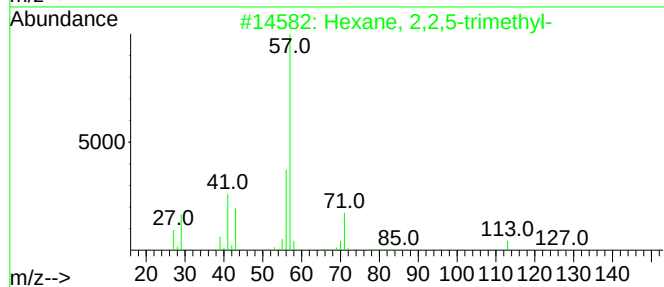
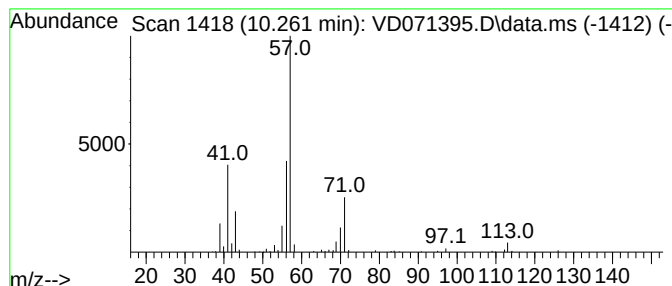
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ClientSampleId :
DA-12-4.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Hexane, 2,2,5-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.261	6.78 ug/l	310934	Chlorobenzene-d5	11.638	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	72
2	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	64
3	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	59
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	47
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122021\
Data File : VD071395.D
Acq On : 20 Dec 2021 18:19
Operator : VA/SY
Sample : M5044-12
Misc : 6.25G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DA-12-4.5

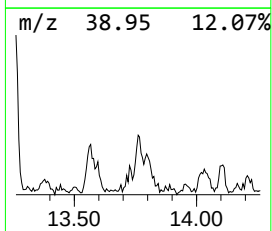
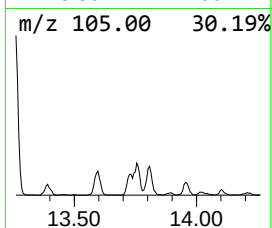
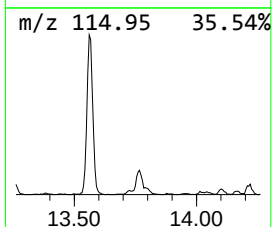
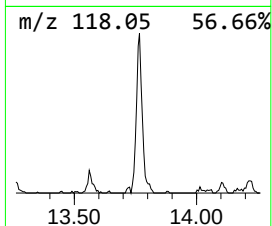
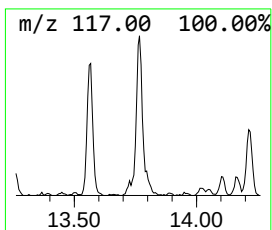
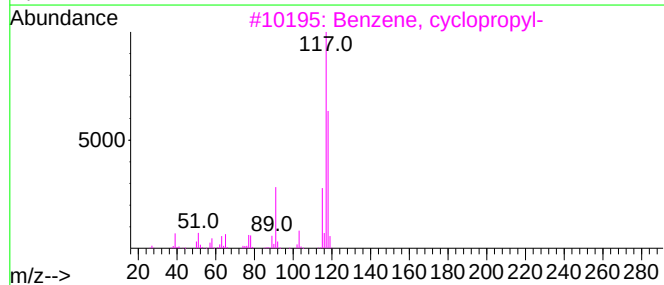
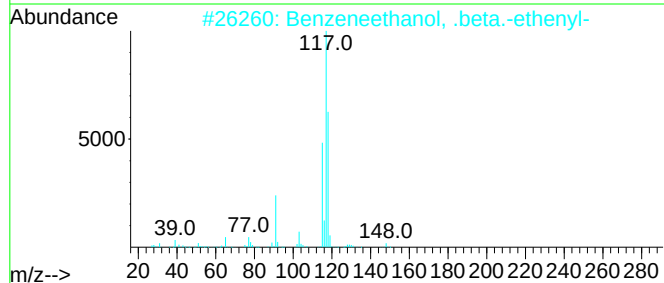
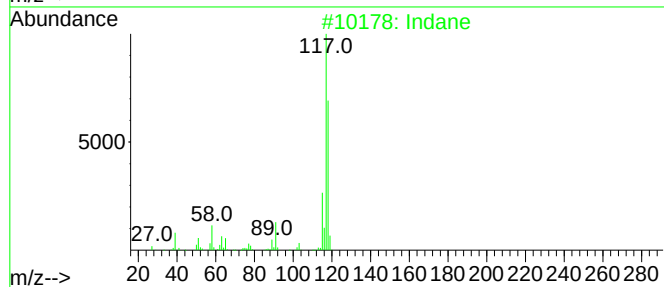
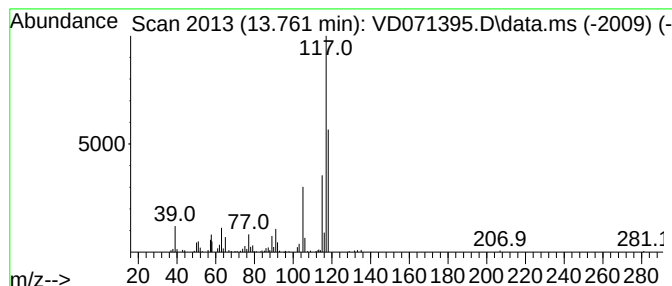
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Indane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.761	8.27 ug/l	356738	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	76
2			Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	64
3			Benzene, cyclopropyl-	118	C9H10	000873-49-4	62
4			Benzene, 1-propenyl-	118	C9H10	000637-50-3	62
5			Benzene, 2-propenyl-	118	C9H10	000300-57-2	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122021\
 Data File : VD071395.D
 Acq On : 20 Dec 2021 18:19
 Operator : VA/SY
 Sample : M5044-12
 Misc : 6.25G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DA-12-4.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methyl-	3.038	53.1	ug/l	1940550	1	7.979	1828350	50.0
Butane, 2,2-dim...	4.144	22.3	ug/l	814572	1	7.979	1828350	50.0
Butane, 2,3-dim...	4.950	39.1	ug/l	1431720	1	7.979	1828350	50.0
Pentane, 3-methyl-	5.497	27.5	ug/l	1004550	1	7.979	1828350	50.0
Pentane, 2,4-di...	6.926	15.3	ug/l	557827	1	7.979	1828350	50.0
Cyclopentane, m...	7.032	11.6	ug/l	424223	1	7.979	1828350	50.0
Pentane, 2,3-di...	8.067	25.1	ug/l	916097	1	7.979	1828350	50.0
Hexane, 3-methyl-	8.185	11.7	ug/l	429013	1	7.979	1828350	50.0
Pentane, 2,2,4-...	8.508	56.5	ug/l	2205710	2	8.861	1951710	50.0
Heptane	8.720	7.4	ug/l	289516	2	8.861	1951710	50.0
Pentane, 2,3,4-...	9.779	24.8	ug/l	969535	2	8.861	1951710	50.0
Pentane, 2,3,3-...	9.908	38.1	ug/l	1487600	2	8.861	1951710	50.0
Heptane, 3-methyl-	10.108	6.9	ug/l	270178	2	8.861	1951710	50.0
Hexane, 2,2,5-t...	10.261	6.8	ug/l	310934	3	11.638	2294640	50.0
Indane	13.761	8.3	ug/l	356738	4	13.567	2157910	50.0