

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071723\
 Data File : VD076751.D
 Acq On : 17 Jul 2023 13:36
 Operator : KP/SY
 Sample : 03645-01
 Misc : 6.45G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-02-(3-5)

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\82D071423S.M
 Title : SW846 8260

Signal : TIC: VD076751.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.740	13	26	34	rBV	383171	744064	52.14%	5.993%
2	1.893	47	52	61	rVB	100080	127370	8.93%	1.026%
3	2.105	81	88	93	rBV	97795	133912	9.38%	1.079%
4	2.275	109	117	124	rBV	201126	294815	20.66%	2.375%
5	2.940	221	230	240	rBV	159147	335229	23.49%	2.700%
6	3.293	281	290	300	rBV2	78667	178536	12.51%	1.438%
7	4.799	535	546	549	rBV3	40459	114498	8.02%	0.922%
8	5.328	627	636	647	rVB3	21529	65741	4.61%	0.530%
9	5.840	711	723	736	rBV2	85203	258900	18.14%	2.085%
10	6.887	890	901	911	rVB3	27507	74232	5.20%	0.598%
11	7.805	1045	1057	1063	rBV	178385	466737	32.71%	3.759%
12	7.875	1063	1069	1077	rVV	273432	652022	45.69%	5.252%
13	7.957	1077	1083	1093	rVB4	13190	36199	2.54%	0.292%
14	8.081	1096	1104	1112	rBV3	32630	85671	6.00%	0.690%
15	8.228	1121	1129	1142	rVB2	147538	365218	25.59%	2.942%
16	8.357	1144	1151	1159	rVV7	14444	35451	2.48%	0.286%
17	8.434	1159	1164	1171	rVV6	11109	26333	1.85%	0.212%
18	8.510	1171	1177	1183	rVB4	18518	40500	2.84%	0.326%
19	8.634	1188	1198	1208	rBV2	90011	184402	12.92%	1.485%
20	8.775	1213	1222	1234	rBV	430294	876982	61.45%	7.064%
21	9.275	1295	1307	1313	rBV	128242	295044	20.67%	2.376%
22	9.328	1313	1316	1324	rVB5	9819	19234	1.35%	0.155%
23	9.546	1348	1353	1361	rVB9	11692	27449	1.92%	0.221%
24	9.693	1374	1378	1384	rVB4	12435	22489	1.58%	0.181%
25	9.846	1397	1404	1408	rBV4	7984	15873	1.11%	0.128%
26	9.910	1408	1415	1426	rVV4	45799	106019	7.43%	0.854%
27	10.046	1429	1438	1450	rVB4	30001	74097	5.19%	0.597%
28	10.269	1468	1476	1483	rBV	774272	1427098	100.00%	11.495%
29	10.328	1483	1486	1493	rVB	103703	190186	13.33%	1.532%
30	10.457	1499	1508	1515	rVB	111517	192508	13.49%	1.551%
31	10.610	1529	1534	1540	rVB3	25574	41062	2.88%	0.331%
32	10.710	1546	1551	1561	rVB7	12297	26464	1.85%	0.213%
33	10.887	1576	1581	1587	rVB4	13593	23907	1.68%	0.193%
34	10.993	1594	1599	1606	rBV4	6792	16253	1.14%	0.131%
35	11.057	1606	1610	1616	rVV4	10176	17311	1.21%	0.139%
36	11.128	1616	1622	1627	rVV	37803	67835	4.75%	0.546%

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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\82D071423S.M
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37	11.175	1627	1630	1637	rVB4	15047	26945	1.89%	0.217%
38	11.293	1645	1650	1654	rBV5	11608	20842	1.46%	0.168%
39	11.369	1654	1663	1674	rVB6	28694	79679	5.58%	0.642%
40	11.469	1674	1680	1689	rBV3	19628	33998	2.38%	0.274%
41	11.581	1691	1699	1710	rBV	660648	1141907	80.02%	9.198%
42	11.687	1710	1717	1722	rVV	29397	57243	4.01%	0.461%
43	11.798	1726	1736	1745	rVV3	166159	407070	28.52%	3.279%
44	11.863	1745	1747	1754	rVB5	16856	28326	1.98%	0.228%
45	12.116	1779	1790	1798	rBV3	52173	124556	8.73%	1.003%
46	12.210	1803	1806	1810	rVB4	10470	15960	1.12%	0.129%
47	12.298	1815	1821	1822	rVV3	10426	16665	1.17%	0.134%
48	12.334	1822	1827	1837	rVB7	26142	57733	4.05%	0.465%
49	12.575	1862	1868	1879	rVB	517989	856978	60.05%	6.903%
50	12.740	1891	1896	1899	rBV6	9246	18965	1.33%	0.153%
51	12.828	1903	1911	1914	rBV2	34183	59306	4.16%	0.478%
52	12.898	1918	1923	1930	rVV4	85599	163485	11.46%	1.317%
53	13.069	1943	1952	1959	rBV5	10652	27035	1.89%	0.218%
54	13.128	1959	1962	1967	rVB5	10150	14340	1.00%	0.116%
55	13.210	1970	1976	1983	rBV	108536	181610	12.73%	1.463%
56	13.410	2003	2010	2015	rBV7	13083	29099	2.04%	0.234%
57	13.516	2021	2028	2038	rVB	683443	1148231	80.46%	9.249%
58	13.716	2056	2062	2065	rBV3	9523	15153	1.06%	0.122%
59	13.757	2065	2069	2077	rVB4	18067	33139	2.32%	0.267%
60	13.839	2079	2083	2088	rBV3	30487	45951	3.22%	0.370%
61	14.057	2115	2120	2126	rVB4	19612	36059	2.53%	0.290%
62	14.387	2173	2176	2179	rVV2	13207	20174	1.41%	0.162%
63	14.422	2179	2182	2187	rVB2	15353	23113	1.62%	0.186%
64	14.698	2220	2229	2234	rVB7	12373	22977	1.61%	0.185%
65	14.763	2234	2240	2247	rBV6	11675	27368	1.92%	0.220%
66	15.334	2331	2337	2343	rBV	12944	21751	1.52%	0.175%

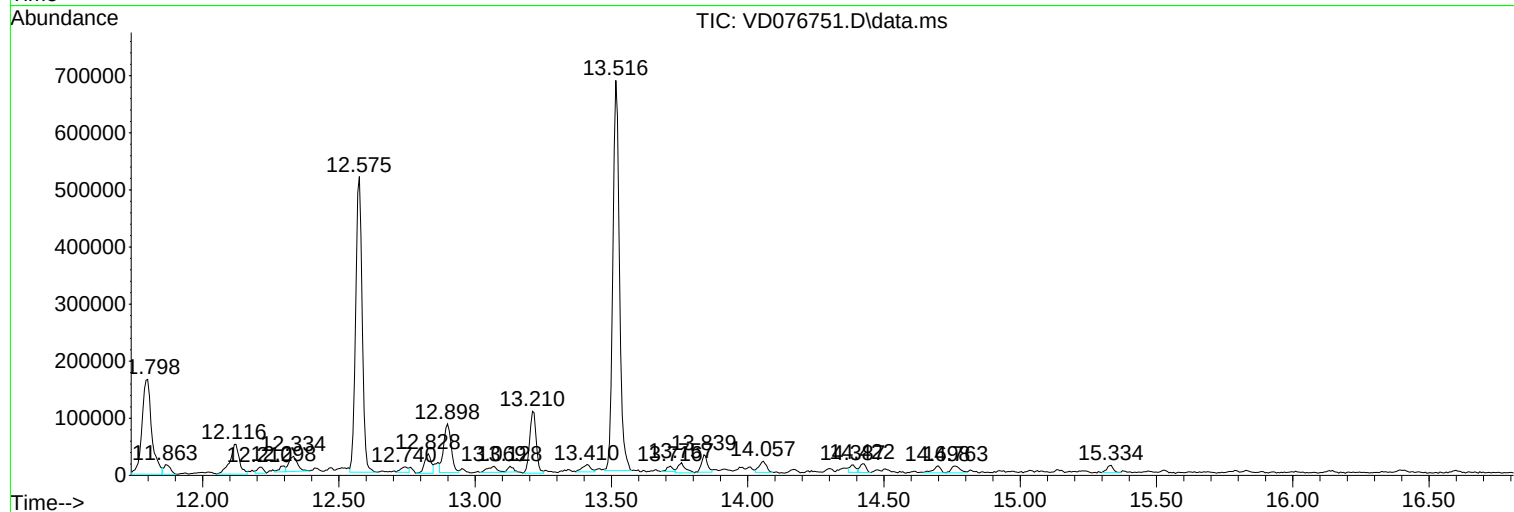
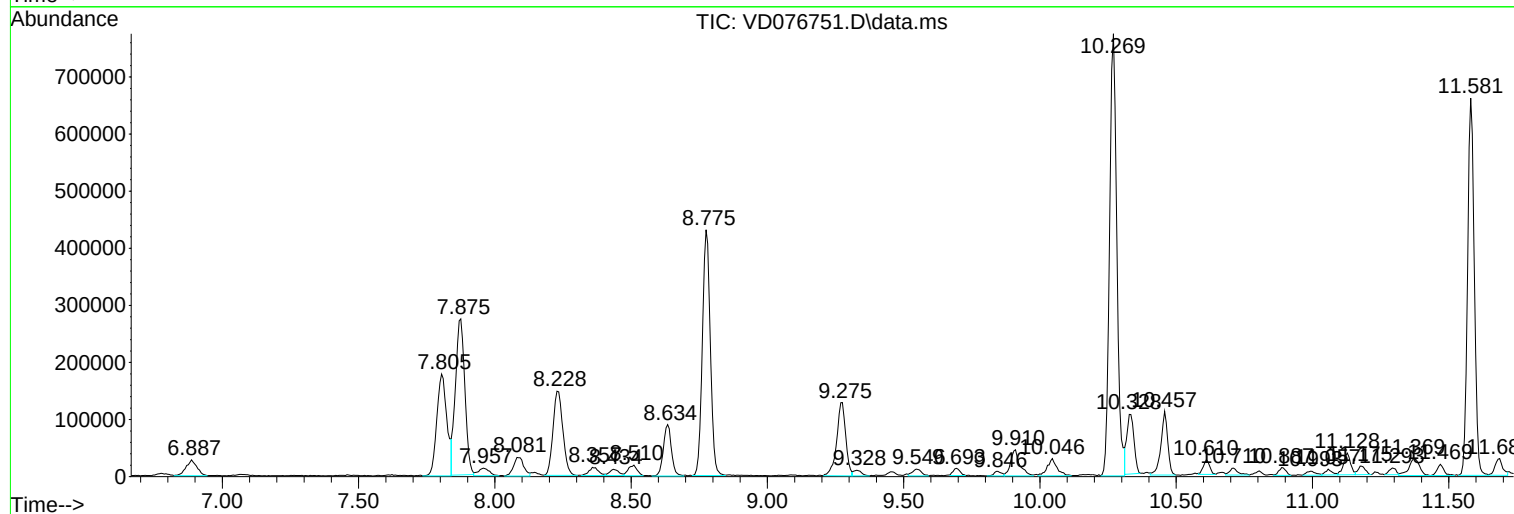
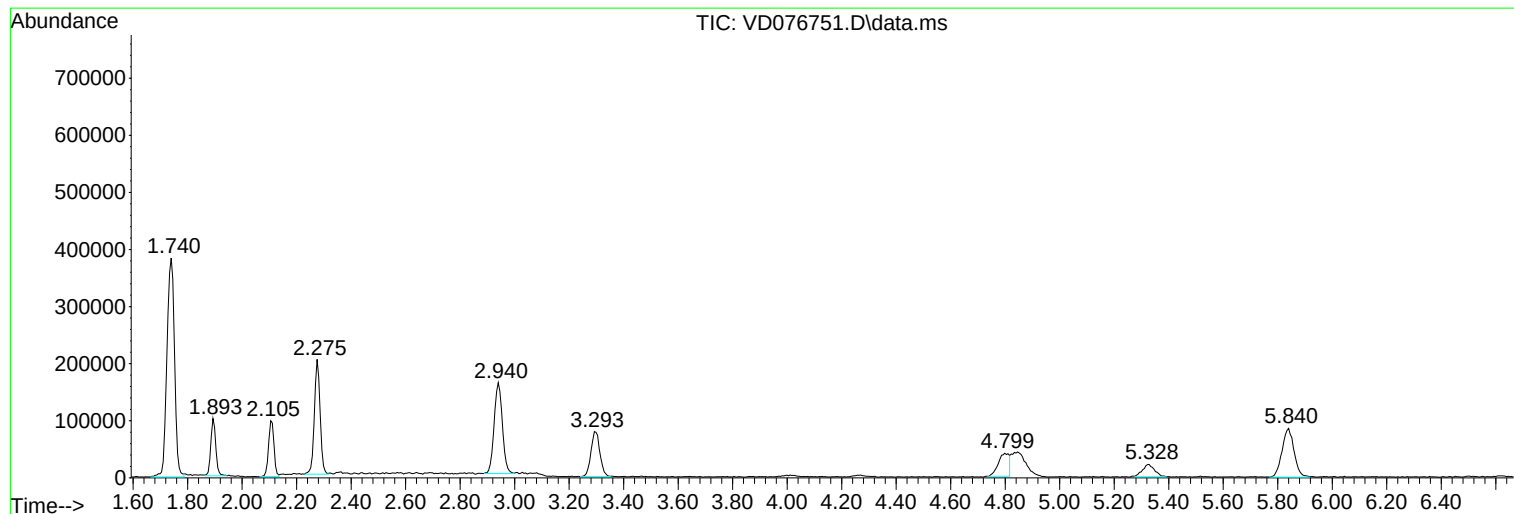
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ClientSampleId :
SB-02-(3-5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260

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



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Instrument :
MSVOA_D
ClientSampleId :
SB-02-(3-5)

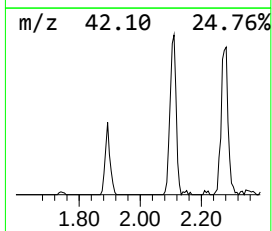
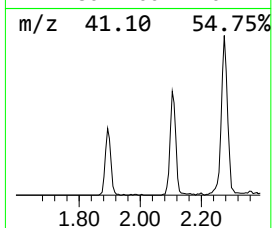
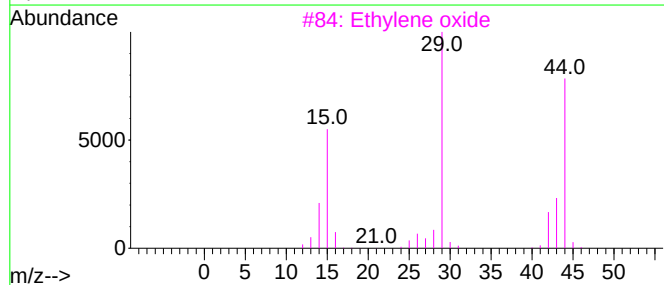
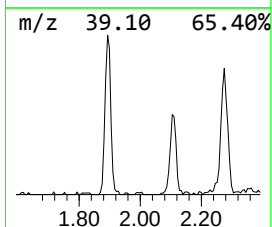
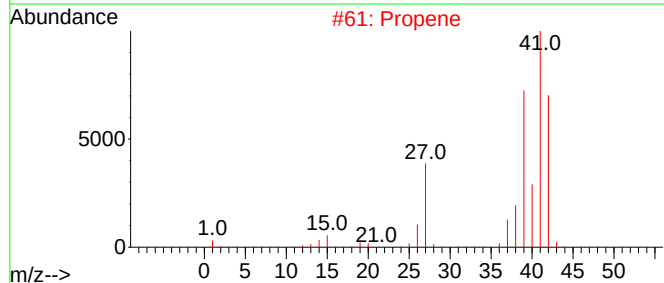
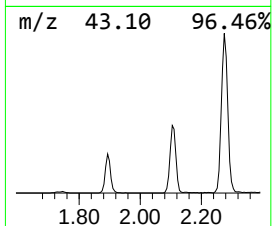
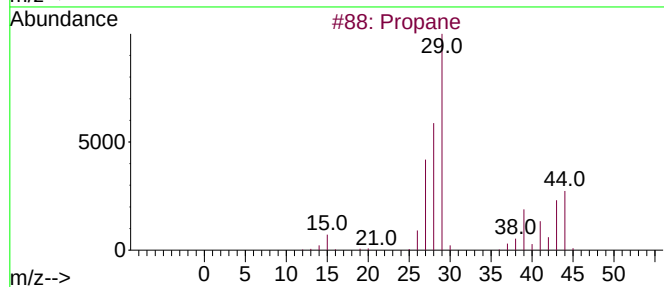
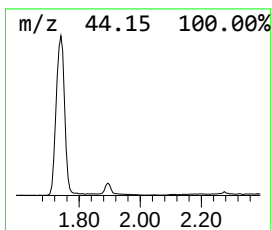
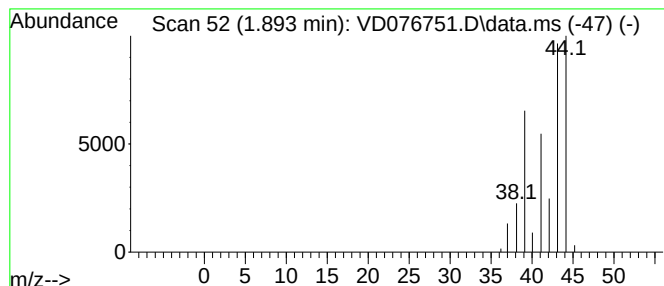
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260

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

Peak Number 2 Propane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.893	9.77 ug/l	127370	Pentafluorobenzene	7.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propane	44	C3H8	000074-98-6	90
2			Propene	42	C3H6	000115-07-1	9
3			Ethylene oxide	44	C2H4O	000075-21-8	5
4			Acetaldehyde	44	C2H4O	000075-07-0	3
5			Acetonitrile-d3	44	C2D3N	002206-26-0	3



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MSVOA_D
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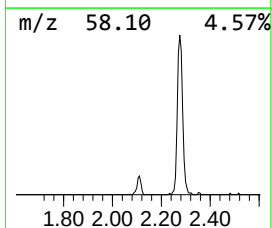
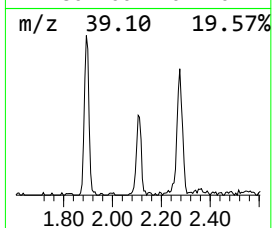
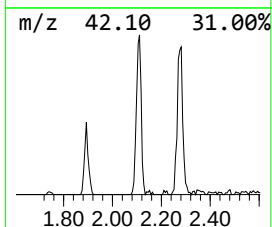
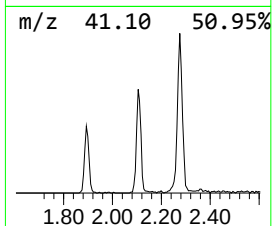
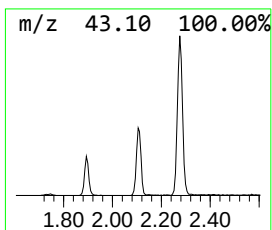
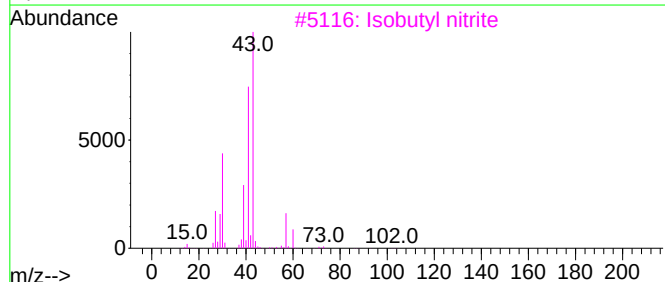
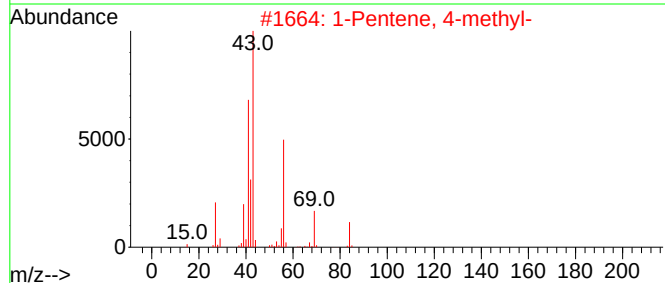
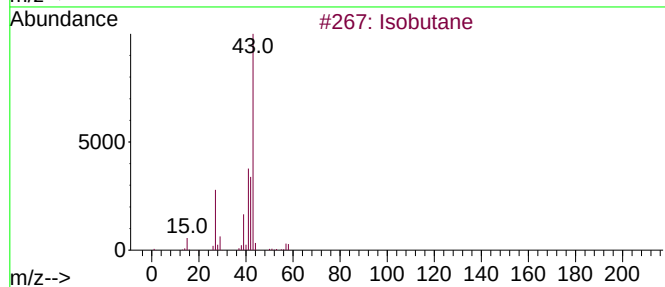
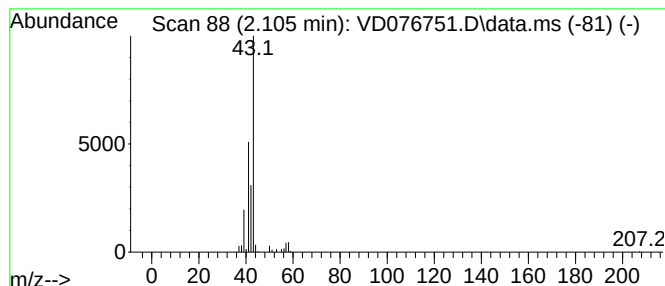
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260

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

Peak Number 3 Isobutane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.105	10.27 ug/l	133912	Pentafluorobenzene	7.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isobutane	58	C4H10	000075-28-5	64
2			1-Pentene, 4-methyl-	84	C6H12	000691-37-2	33
3			Isobutyl nitrite	103	C4H9NO2	000542-56-3	9
4			Oxirane, ethyl-	72	C4H8O	000106-88-7	9
5			Hydrogen isocyanate	43	CHNO	000075-13-8	4



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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-02-(3-5)

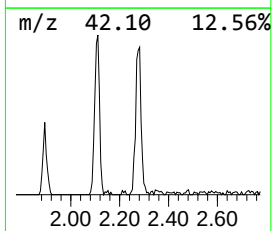
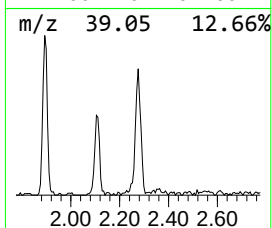
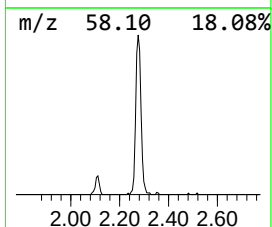
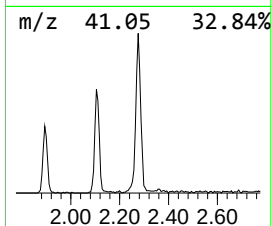
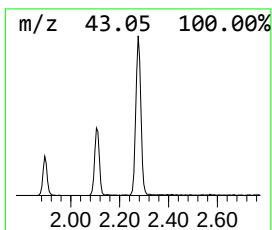
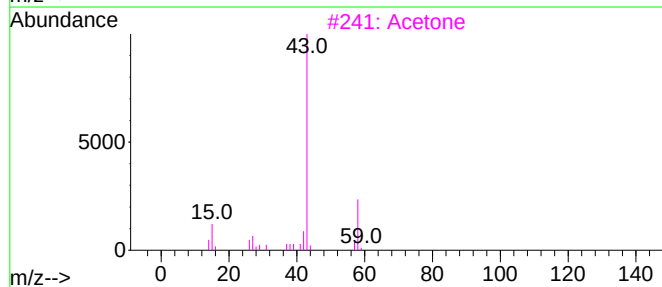
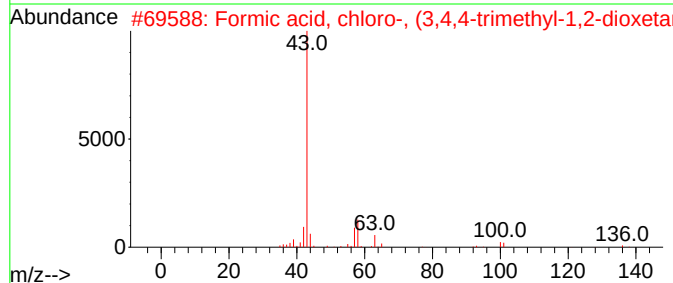
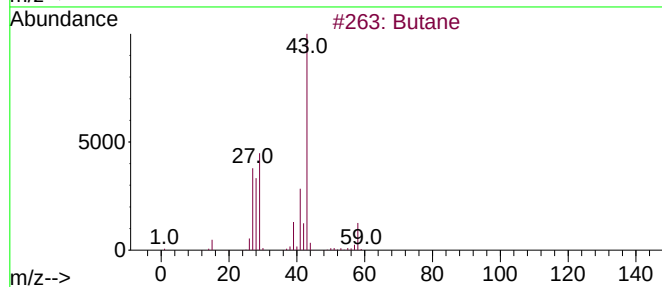
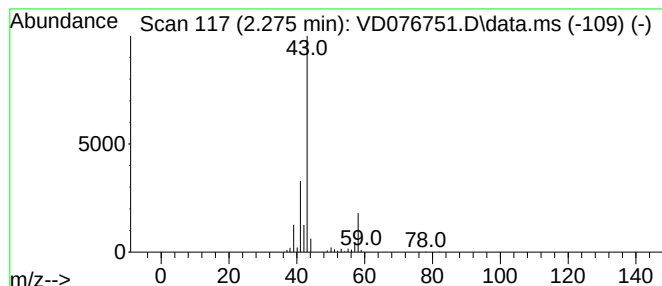
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260

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

Peak Number 4 Butane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.275	22.61 ug/l	294815	Pentafluorobenzene	7.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane			58	C4H10	000106-97-8	80
2	Formic acid, chloro-, (3,4,4-tri...			194	C7H11ClO4	107323-92-2	50
3	Acetone			58	C3H6O	000067-64-1	9
4	Isobutane			58	C4H10	000075-28-5	9
5	Diazene, dimethyl-			58	C2H6N2	000503-28-6	4



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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-02-(3-5)

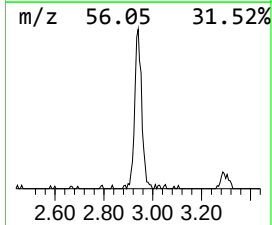
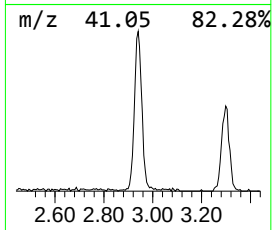
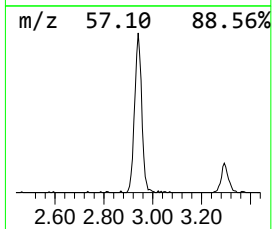
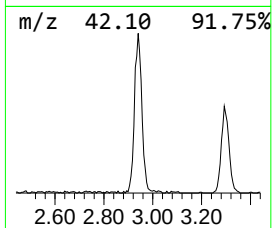
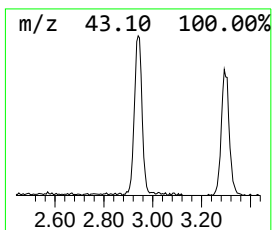
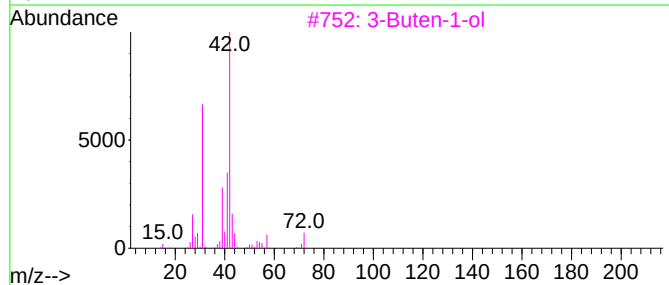
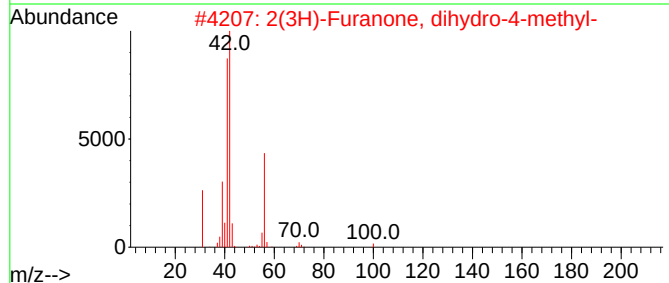
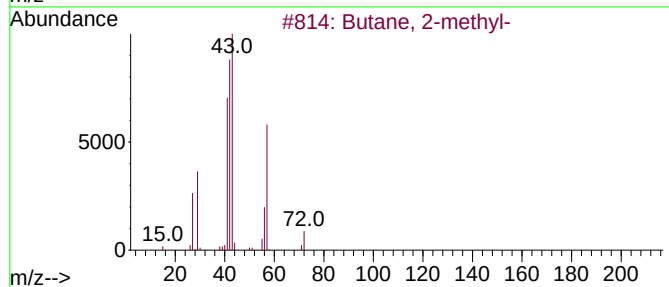
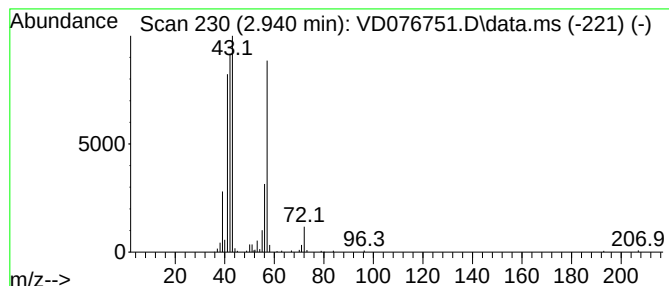
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260

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

Peak Number 5 Butane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.940	25.71 ug/l	335229	Pentafluorobenzene	7.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methyl-	72	C5H12	000078-78-4	86
2			2(3H)-Furanone, dihydro-4-methyl-	100	C5H8O2	001679-49-8	50
3			3-Buten-1-ol	72	C4H8O	000627-27-0	43
4			Pentane	72	C5H12	000109-66-0	33
5			1,1-Diisobutoxy-butane	202	C12H26O2	013002-16-9	22



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Operator : KP/SY
Sample : 03645-01
Misc : 6.45G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-02-(3-5)

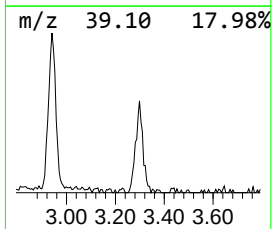
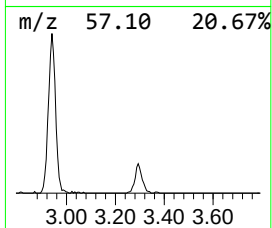
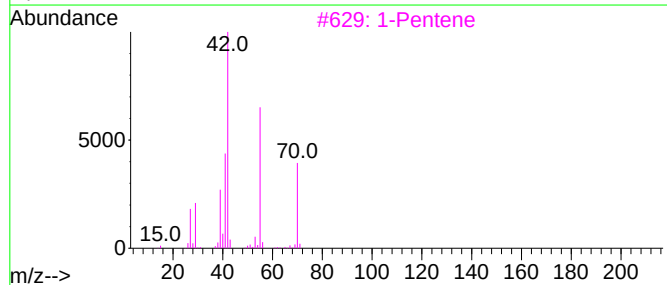
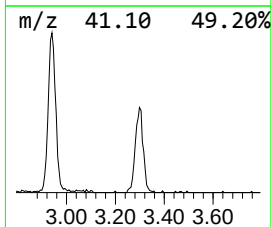
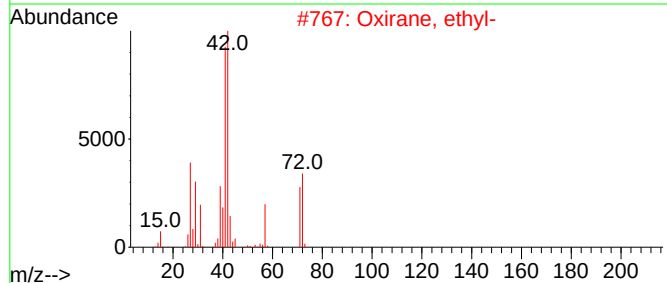
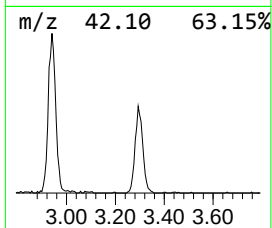
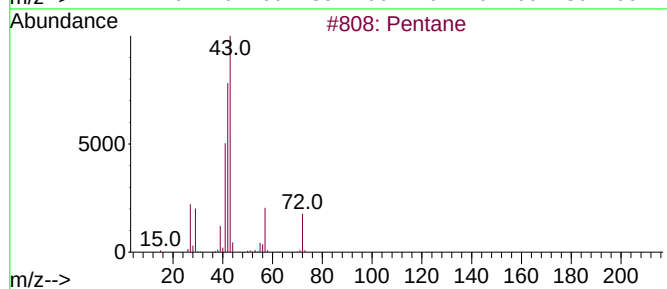
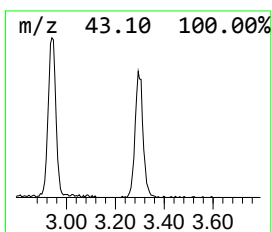
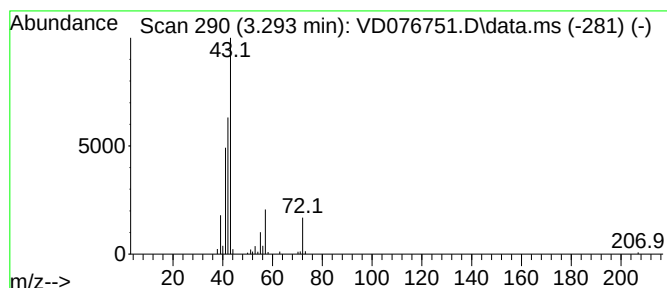
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Quant Title : SW846 8260

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

Peak Number 6 Pentane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.293	13.69 ug/l	178536	Pentafluorobenzene	7.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane	72	C5H12	000109-66-0	86
2			Oxirane, ethyl-	72	C4H8O	000106-88-7	42
3			1-Pentene	70	C5H10	000109-67-1	25
4			2-Butanone	72	C4H8O	000078-93-3	25
5			2-Hexanone, 3,4-dimethyl-	128	C8H16O	019550-10-8	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071723\
Data File : VD076751.D
Acq On : 17 Jul 2023 13:36
Operator : KP/SY
Sample : 03645-01
Misc : 6.45G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-02-(3-5)

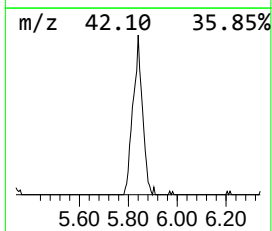
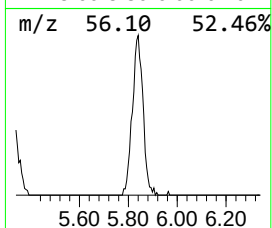
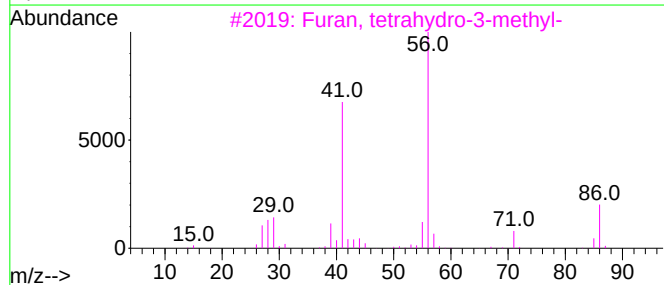
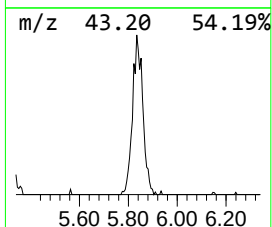
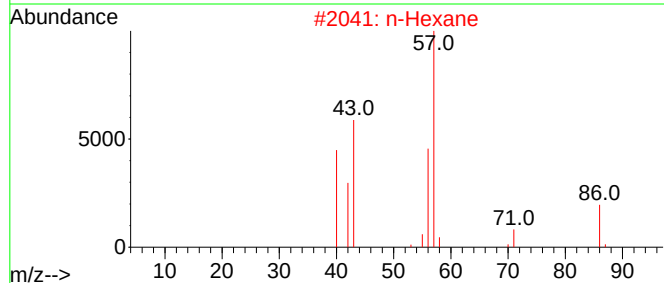
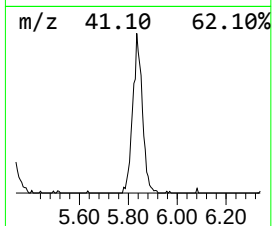
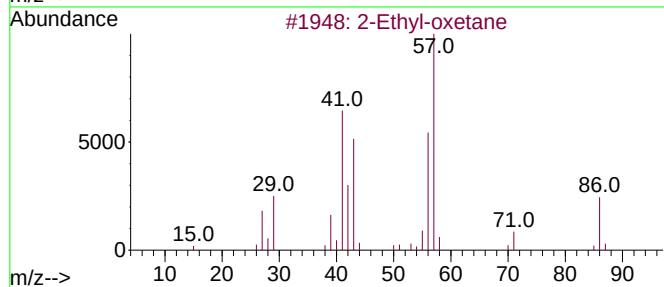
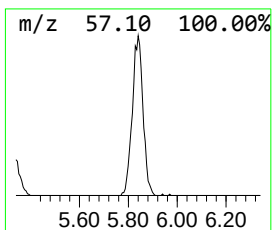
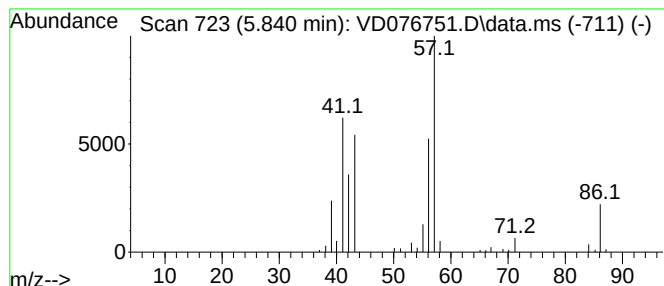
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Quant Title : SW846 8260

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

Peak Number 8 2-Ethyl-oxetane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.840	19.85 ug/l	258900	Pentafluorobenzene	7.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Ethyl-oxetane	86	C5H10O	1010386-40-2	87
2			n-Hexane	86	C6H14	000110-54-3	86
3			Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	47
4			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	43
5			Cyclopropane, propyl-	84	C6H12	002415-72-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071723\
Data File : VD076751.D
Acq On : 17 Jul 2023 13:36
Operator : KP/SY
Sample : 03645-01
Misc : 6.45G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-02-(3-5)

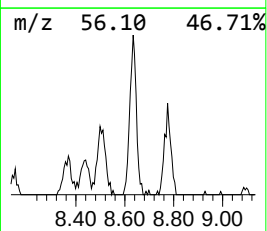
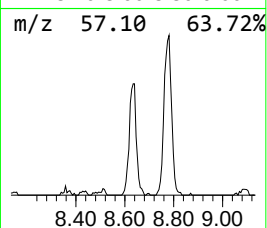
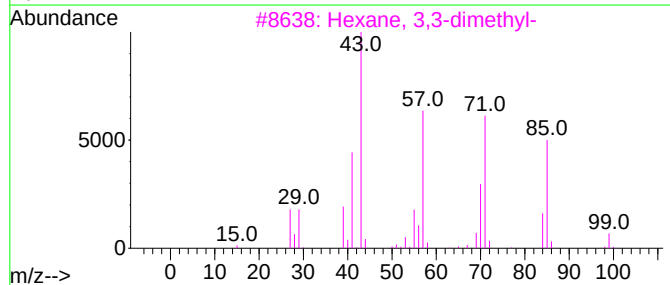
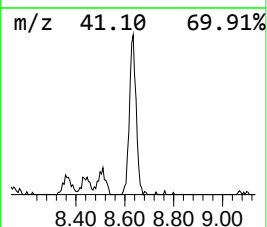
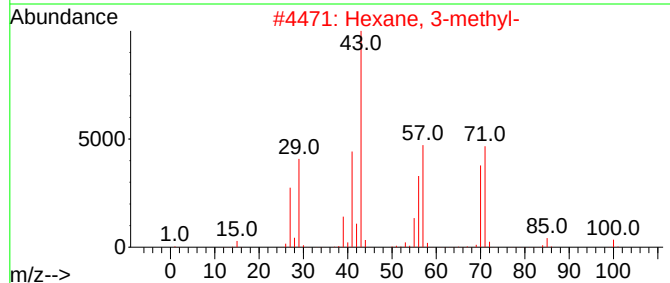
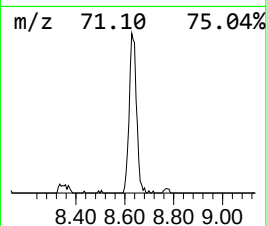
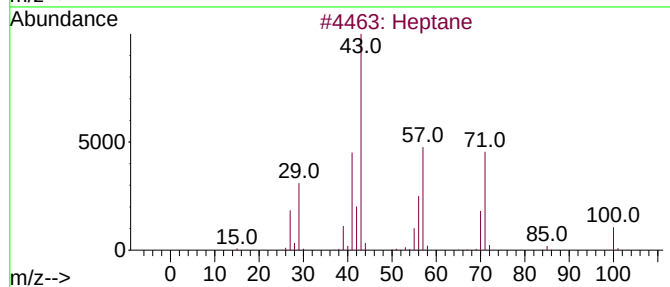
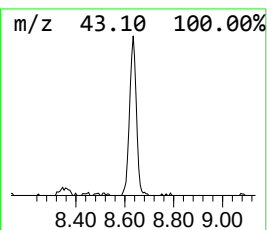
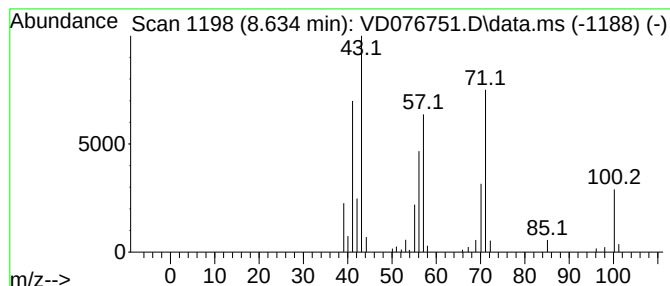
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Quant Title : SW846 8260

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

Peak Number 9 Heptane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.634	10.51 ug/l	184402	1,4-Difluorobenzene	8.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane	100	C7H16	000142-82-5	91
2			Hexane, 3-methyl-	100	C7H16	000589-34-4	59
3			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	50
4			1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	47
5			Acetaldehyde, propylhydrazone	100	C5H12N2	007422-88-0	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071723\
Data File : VD076751.D
Acq On : 17 Jul 2023 13:36
Operator : KP/SY
Sample : 03645-01
Misc : 6.45G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-02-(3-5)

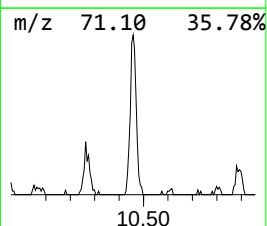
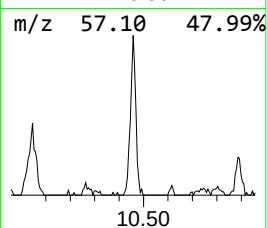
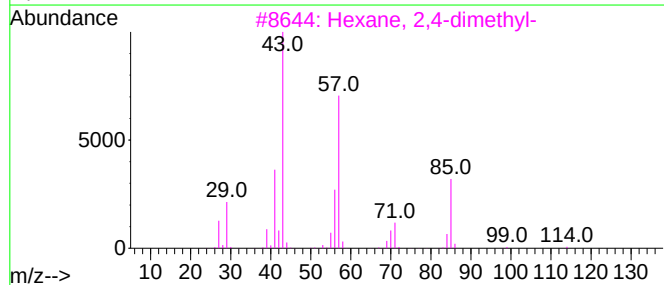
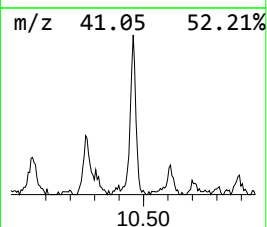
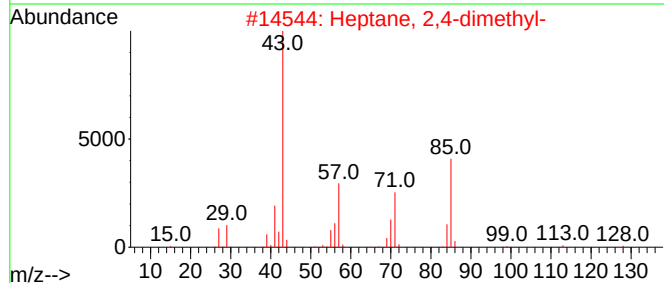
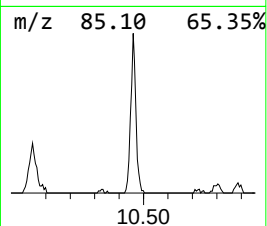
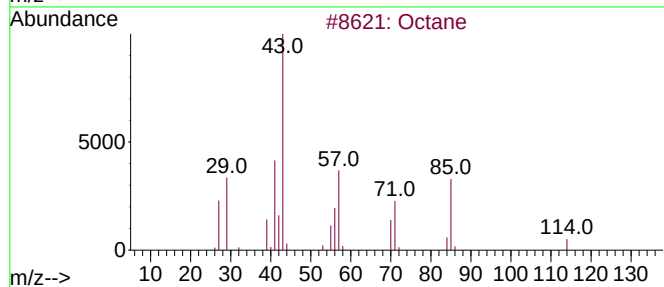
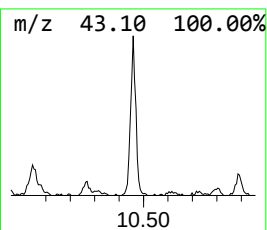
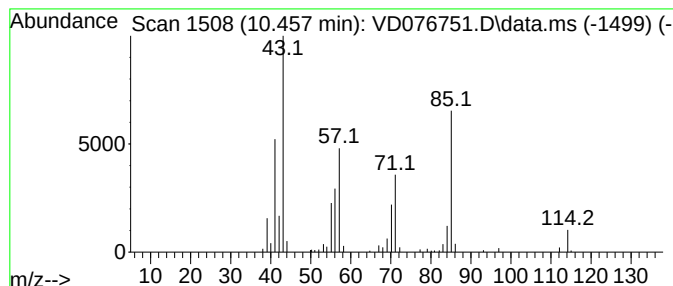
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Quant Title : SW846 8260

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

Peak Number 10 Octane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.457	8.43 ug/l	192508	Chlorobenzene-d5	11.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane	114	C8H18	000111-65-9	94
2			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
3			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	53
4			Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	53
5			Oxalic acid, diisohexyl ester	258	C14H26O4	1010309-32-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071723\
Data File : VD076751.D
Acq On : 17 Jul 2023 13:36
Operator : KP/SY
Sample : 03645-01
Misc : 6.45G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-02-(3-5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.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
Propane	1.893	9.8	ug/l	127370	1	7.875	652022	50.0
Isobutane	2.105	10.3	ug/l	133912	1	7.875	652022	50.0
Butane	2.275	22.6	ug/l	294815	1	7.875	652022	50.0
Butane, 2-methyl-	2.940	25.7	ug/l	335229	1	7.875	652022	50.0
Pentane	3.293	13.7	ug/l	178536	1	7.875	652022	50.0
2-Ethyl-oxetane	5.840	19.9	ug/l	258900	1	7.875	652022	50.0
Heptane	8.634	10.5	ug/l	184402	2	8.775	876982	50.0
Octane	10.457	8.4	ug/l	192508	3	11.581	1141910	50.0