

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102522\
 Data File : VD074633.D
 Acq On : 25 Oct 2022 15:25
 Operator : VA/SY
 Sample : N5267-07
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP3-1024

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\82D101922S.M
 Title : SW846 8260

Signal : TIC: VD074633.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.728	18	24	37	rBV	364630	582002	16.97%	1.356%
2	4.799	536	546	557	rBV2	14108	42569	1.24%	0.099%
3	7.069	923	932	941	rBV	17844	51483	1.50%	0.120%
4	7.810	1046	1058	1063	rBV2	77786	190184	5.54%	0.443%
5	7.875	1063	1069	1083	rVB	107230	245961	7.17%	0.573%
6	8.234	1116	1130	1139	rBV2	61923	167511	4.88%	0.390%
7	8.775	1215	1222	1232	rVB	159061	320302	9.34%	0.746%
8	10.269	1467	1476	1491	rBV	270405	491488	14.33%	1.145%
9	10.892	1576	1582	1588	rVB	22886	37729	1.10%	0.088%
10	11.128	1615	1622	1626	rBV	34426	55468	1.62%	0.129%
11	11.181	1626	1631	1637	rVB	66377	115947	3.38%	0.270%
12	11.292	1644	1650	1654	rBV4	34787	60581	1.77%	0.141%
13	11.387	1661	1666	1674	rVB3	45411	91366	2.66%	0.213%
14	11.581	1692	1699	1708	rBV	203703	352169	10.27%	0.821%
15	11.769	1726	1731	1735	rVV5	36325	75569	2.20%	0.176%
16	11.828	1735	1741	1745	rVV	88867	172771	5.04%	0.403%
17	11.869	1745	1748	1754	rVB	63178	102154	2.98%	0.238%
18	11.928	1754	1758	1762	rBV4	18145	34787	1.01%	0.081%
19	12.022	1770	1774	1779	rVB3	32924	53006	1.55%	0.124%
20	12.092	1779	1786	1793	rBV4	125344	329129	9.59%	0.767%
21	12.210	1802	1806	1811	rVB	184878	272649	7.95%	0.635%
22	12.292	1811	1820	1822	rBV5	165869	322853	9.41%	0.752%
23	12.328	1822	1826	1833	rVB2	199344	419900	12.24%	0.979%
24	12.463	1843	1849	1856	rVB4	131975	297957	8.69%	0.694%
25	12.575	1862	1868	1873	rBV3	239321	400054	11.66%	0.932%
26	12.663	1873	1883	1886	rBV6	110774	273626	7.98%	0.638%
27	12.739	1891	1896	1902	rVB3	279099	553232	16.13%	1.289%
28	12.816	1902	1909	1915	rBV5	155859	416338	12.14%	0.970%
29	12.898	1915	1923	1928	rBV4	371790	921288	26.86%	2.147%
30	12.951	1929	1932	1938	rVB3	208090	327911	9.56%	0.764%
31	13.004	1938	1941	1943	rBV3	36134	47082	1.37%	0.110%
32	13.039	1943	1947	1951	rBV3	202354	297577	8.67%	0.693%
33	13.092	1951	1956	1959	rBV3	92637	199387	5.81%	0.465%
34	13.134	1959	1963	1975	rVB7	147595	389843	11.36%	0.908%
35	13.222	1975	1978	1980	rBV3	69694	87981	2.56%	0.205%
36	13.257	1980	1984	1988	rBV2	201027	283526	8.27%	0.661%

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Sampling : 1

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Peak Location: TOP

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Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
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37	13.310	1989	1993	1996	rBV2	186920	292611	8.53%	0.682%
38	13.410	2002	2010	2014	rBV3	582944	1222733	35.64%	2.849%
39	13.451	2014	2017	2022	rVB5	213355	325166	9.48%	0.758%
40	13.516	2024	2028	2032	rBV2	130714	196436	5.73%	0.458%
41	13.657	2047	2052	2067	rVB8	273419	862200	25.13%	2.009%
42	13.786	2067	2074	2075	rBV3	120522	267802	7.81%	0.624%
43	13.839	2077	2083	2088	rVV2	1112962	2046916	59.67%	4.770%
44	13.886	2088	2091	2095	rVV4	395943	674812	19.67%	1.573%
45	13.945	2097	2101	2108	rVV5	444999	941990	27.46%	2.195%
46	14.022	2109	2114	2117	rVV6	313130	705744	20.57%	1.645%
47	14.057	2117	2120	2129	rVB	703040	1288197	37.55%	3.002%
48	14.163	2133	2138	2143	rBV3	522119	857373	24.99%	1.998%
49	14.233	2144	2150	2155	rBV6	531893	1031333	30.06%	2.403%
50	14.286	2155	2159	2163	rBV4	261408	366927	10.70%	0.855%
51	14.351	2163	2170	2180	rBV5	1405575	3430364	100.00%	7.994%
52	14.463	2186	2189	2192	rBV3	232888	313109	9.13%	0.730%
53	14.510	2192	2197	2202	rBV2	856620	1382486	40.30%	3.222%
54	14.633	2215	2218	2222	rBV2	200870	284031	8.28%	0.662%
55	14.704	2226	2230	2234	rBV3	475225	823710	24.01%	1.920%
56	14.763	2235	2240	2246	rVV3	1675404	3328844	97.04%	7.757%
57	14.822	2246	2250	2256	rVB4	883457	1582387	46.13%	3.688%
58	14.933	2267	2269	2273	rBV2	188801	226311	6.60%	0.527%
59	15.033	2282	2286	2290	rVB3	603863	866914	25.27%	2.020%
60	15.145	2300	2305	2313	rBV6	526427	1246496	36.34%	2.905%
61	15.304	2327	2332	2338	rVB	2054550	3162202	92.18%	7.369%
62	15.375	2339	2344	2349	rBV7	399624	929636	27.10%	2.166%
63	15.533	2368	2371	2379	rVB7	325640	728634	21.24%	1.698%
64	15.704	2396	2400	2406	rVB4	477726	835051	24.34%	1.946%
65	15.828	2418	2421	2427	rVB5	309527	466458	13.60%	1.087%
66	16.133	2468	2473	2478	rBV4	309701	588446	17.15%	1.371%
67	16.257	2489	2494	2501	rVB	503647	893200	26.04%	2.081%
68	16.333	2503	2507	2513	rVB2	196252	339597	9.90%	0.791%
69	16.592	2545	2551	2566	rVB7	393347	1320655	38.50%	3.078%

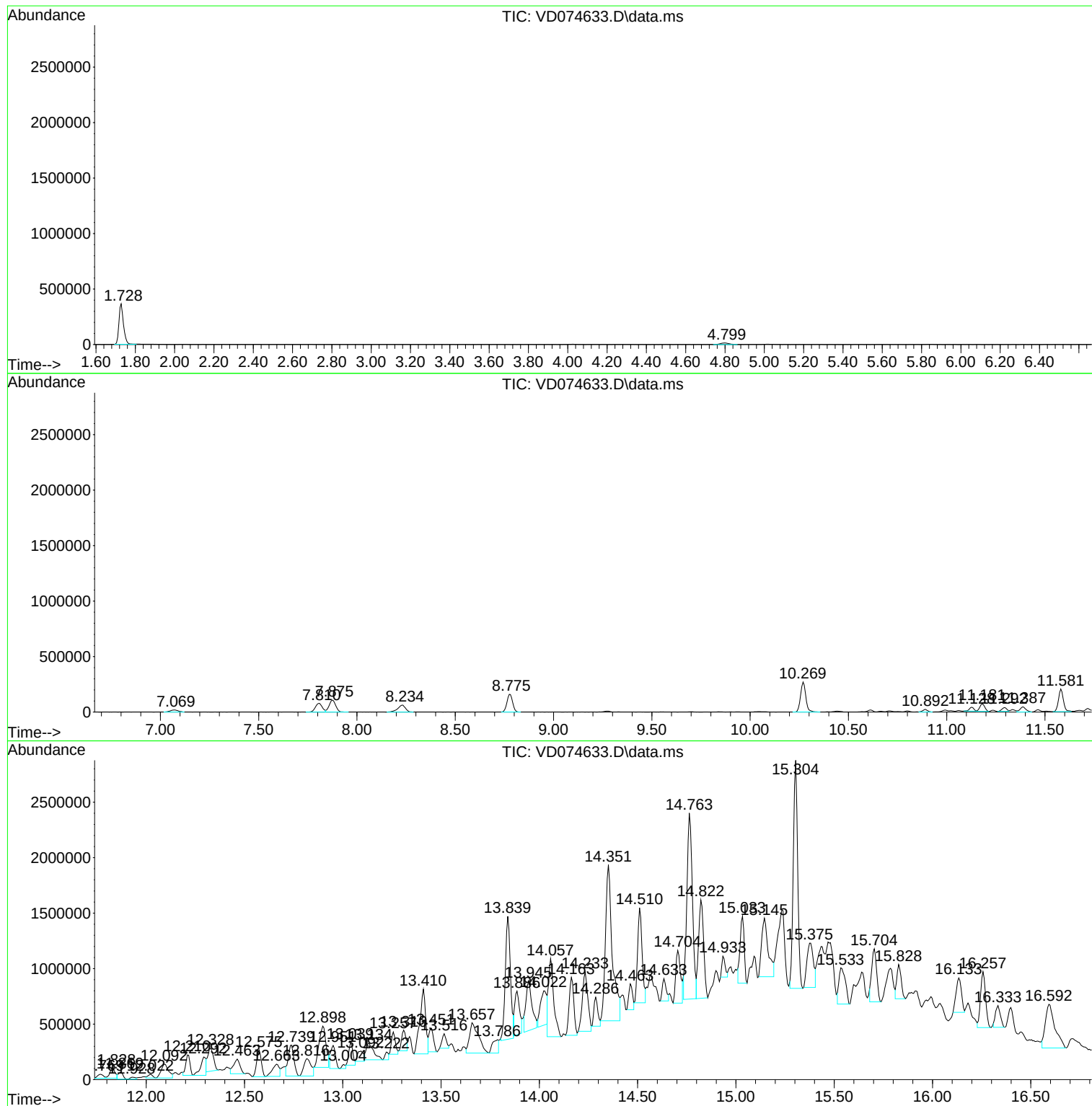
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MSVOA_D
ClientSampleId :
TP3-1024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
Quant Title : SW846 8260

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



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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP3-1024

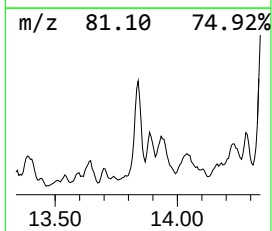
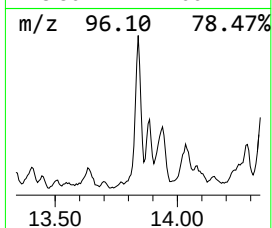
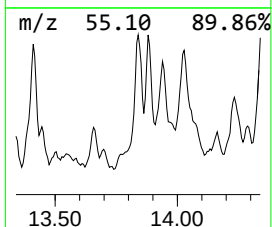
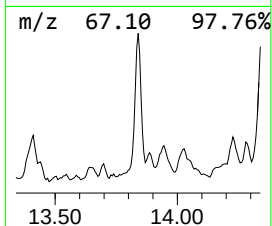
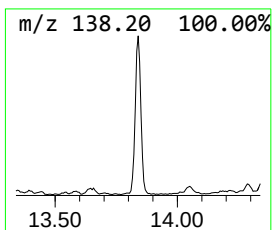
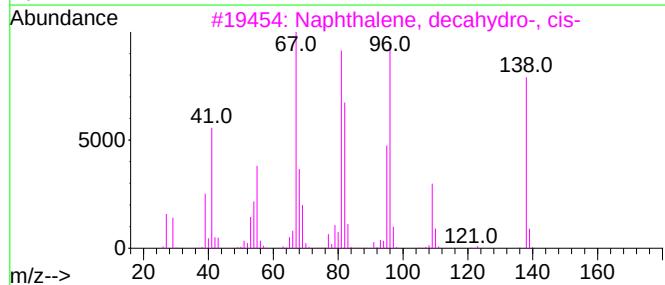
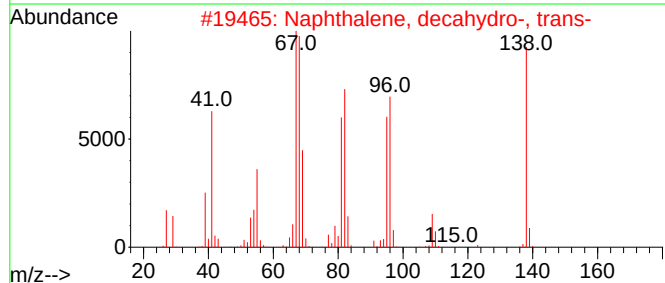
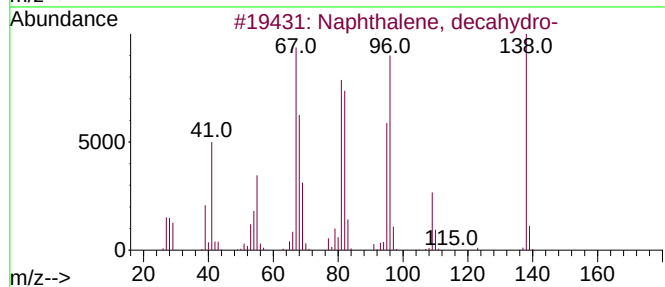
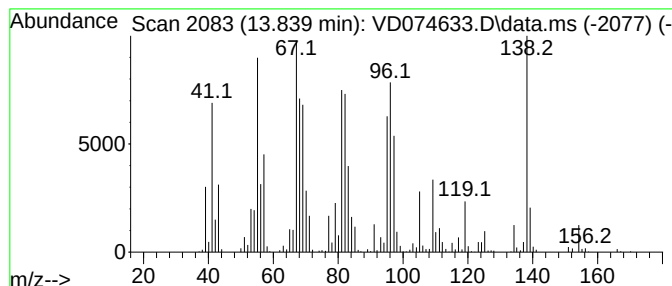
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, decahydro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.839	521.01 ug/l	2046920	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-	138	C10H18	000091-17-8	96
2			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	91
3			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	87
4			Spiro[4.5]decane	138	C10H18	000176-63-6	87
5			2,2-Dimethyl-3-vinylcyclopentanone	138	C9H14O	1000427-24-5	83



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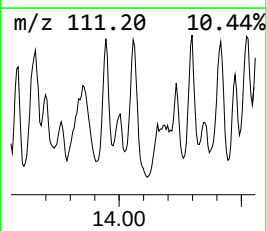
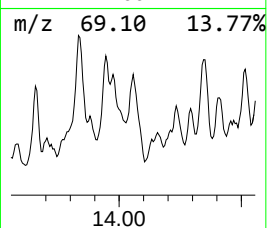
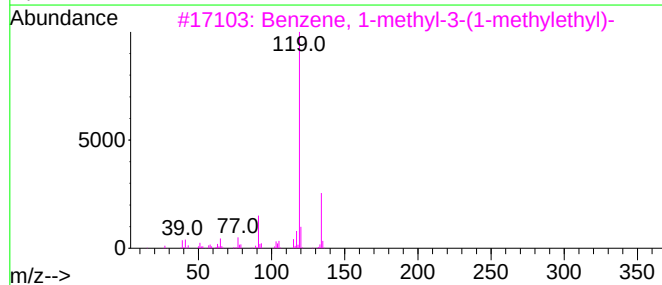
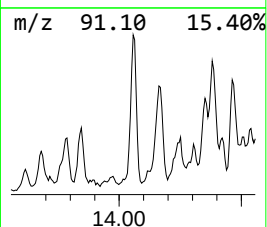
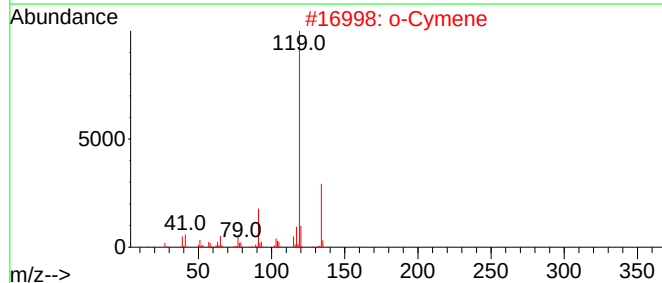
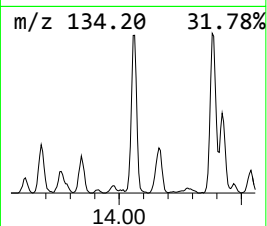
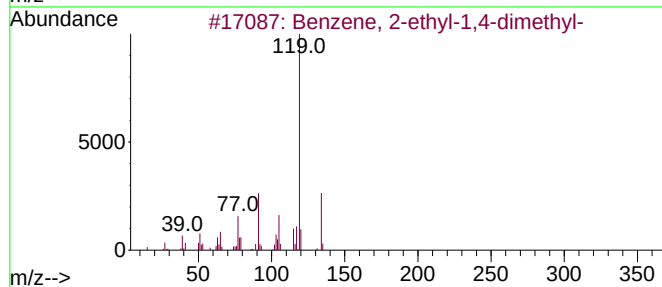
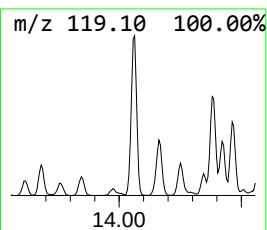
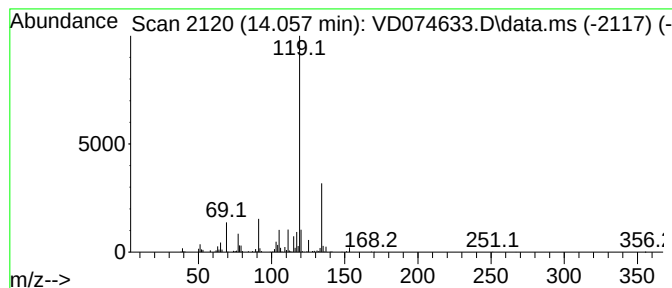
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.057	327.89 ug/l	1288200	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2			o-Cymene	134	C10H14	000527-84-4	94
3			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	94
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94



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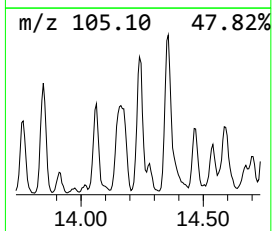
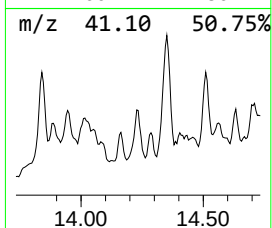
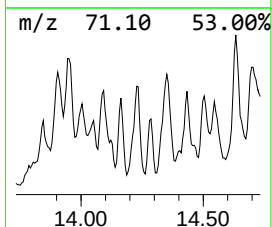
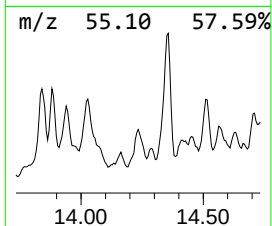
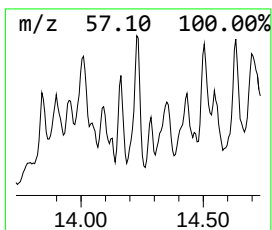
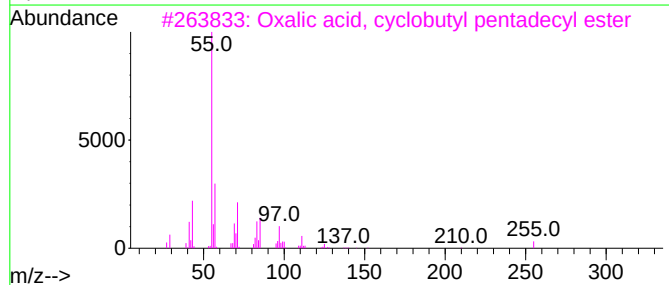
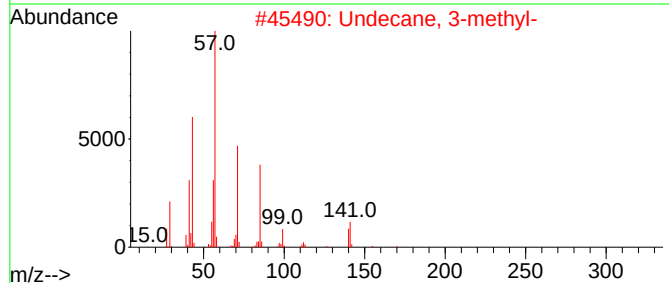
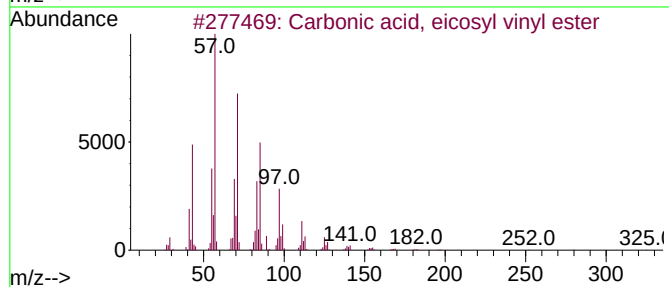
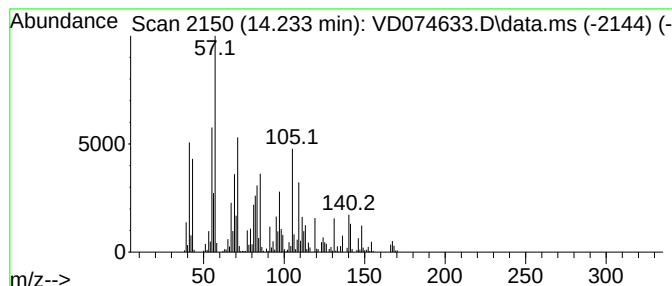
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Quant Title : SW846 8260

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

Peak Number 3 unknown14.233 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.233	262.51 ug/l	1031330	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	47
2			Undecane, 3-methyl-	170	C12H26	001002-43-3	45
3			Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1010309-70-5	43
4			Oxalic acid, cyclobutyl heptadec...	382	C23H42O4	1000309-70-7	38
5			Nonane, 3-methyl-	142	C10H22	005911-04-6	38



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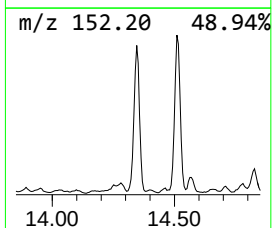
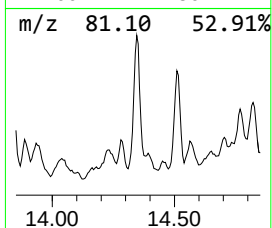
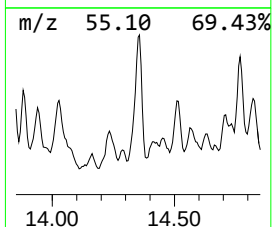
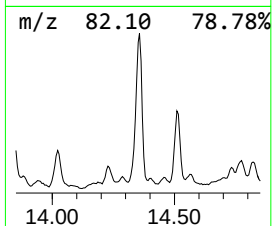
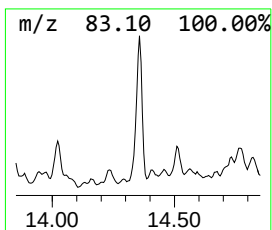
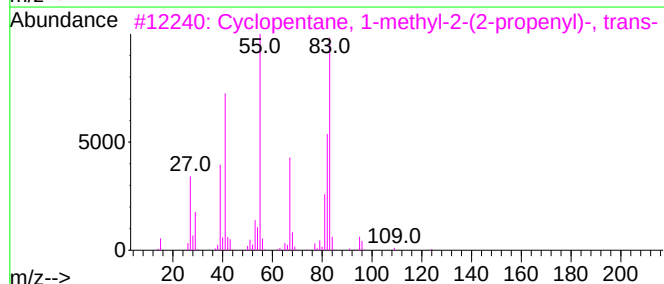
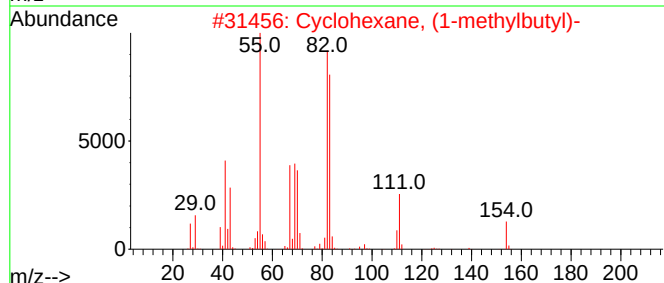
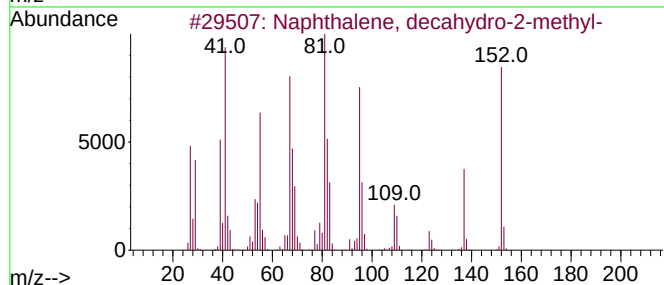
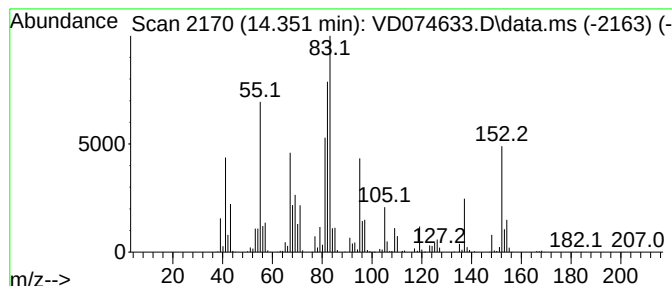
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
Quant Title : SW846 8260

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

Peak Number 4 Naphthalene, decahydro-2-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.351	873.15 ug/l	3430360	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
2			Cyclohexane, (1-methylbutyl)-	154	C11H22	061208-94-4	49
3			Cyclopentane, 1-methyl-2-(2-propenyl)-, trans-	124	C9H16	050746-53-7	47
4			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	46
5			Cyclohexane, pentyl-	154	C11H22	004292-92-6	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102522\
Data File : VD074633.D
Acq On : 25 Oct 2022 15:25
Operator : VA/SY
Sample : N5267-07
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP3-1024

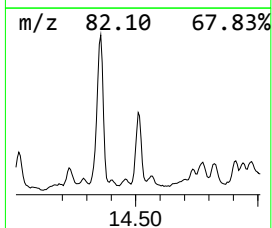
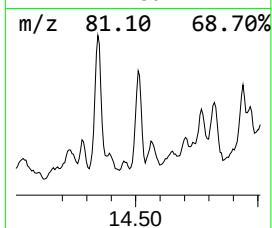
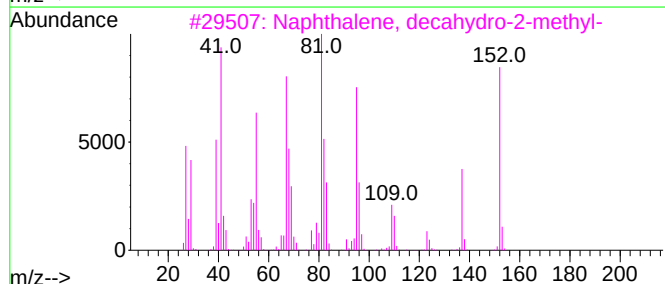
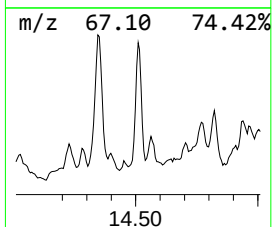
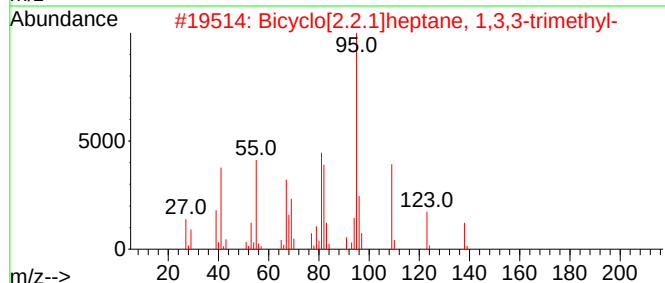
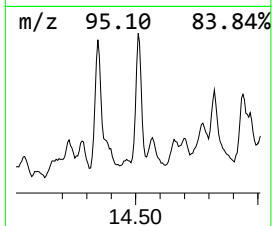
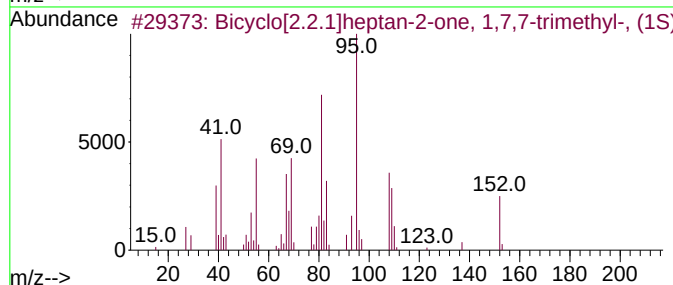
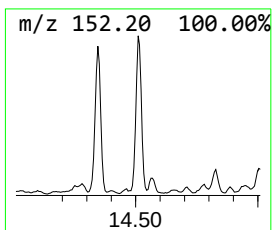
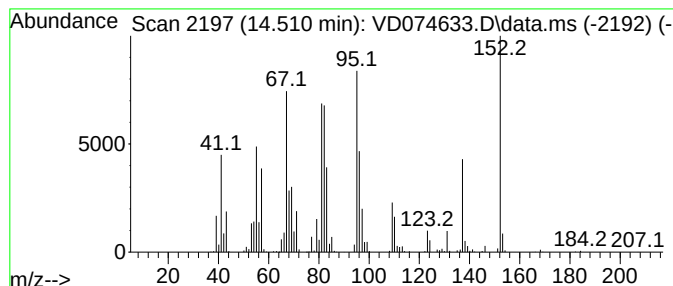
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Quant Title : SW846 8260

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

Peak Number 5 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.510	351.89 ug/l	1382490	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	70
2			Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	55
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	53
4			8-Oxabicyclo[3.2.1]oct-6-en-3-on...	152	C9H12O2	049747-05-9	49
5			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102522\
Data File : VD074633.D
Acq On : 25 Oct 2022 15:25
Operator : VA/SY
Sample : N5267-07
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP3-1024

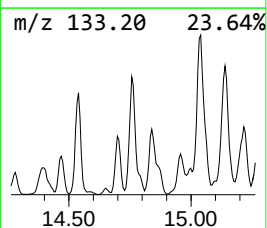
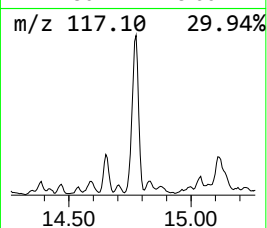
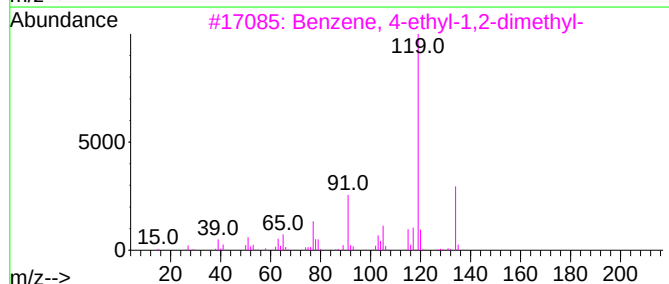
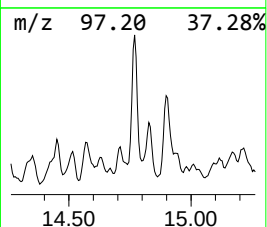
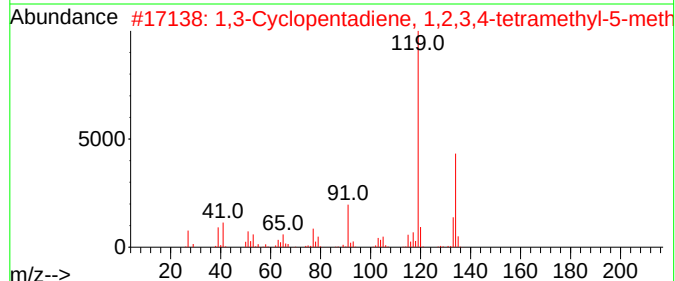
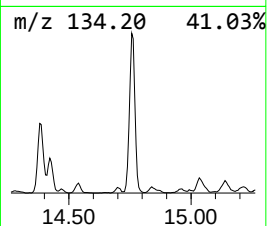
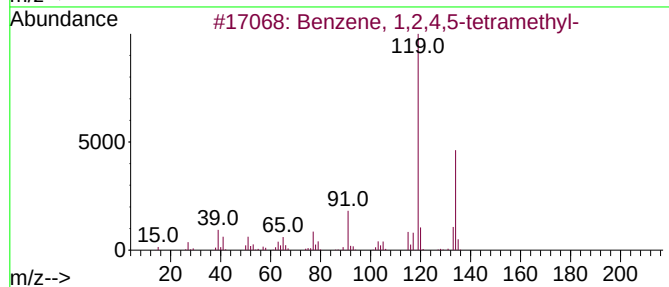
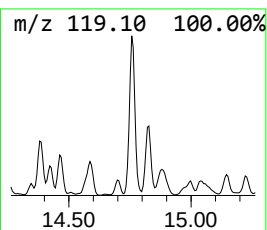
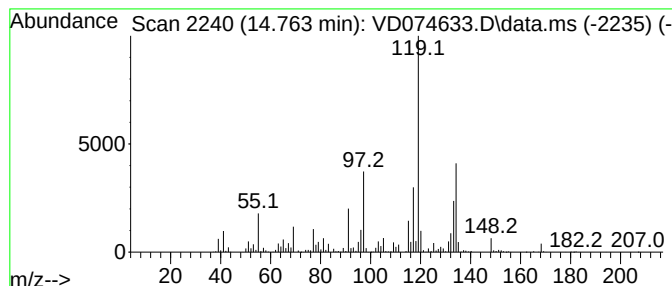
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.763	847.31 ug/l	3328840	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	92
2			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	70
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
4			o-Cymene	134	C10H14	000527-84-4	64
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102522\
Data File : VD074633.D
Acq On : 25 Oct 2022 15:25
Operator : VA/SY
Sample : N5267-07
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP3-1024

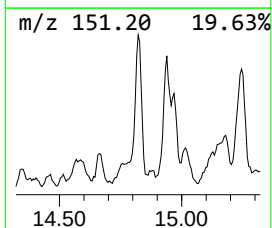
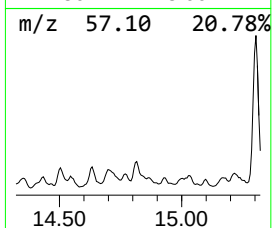
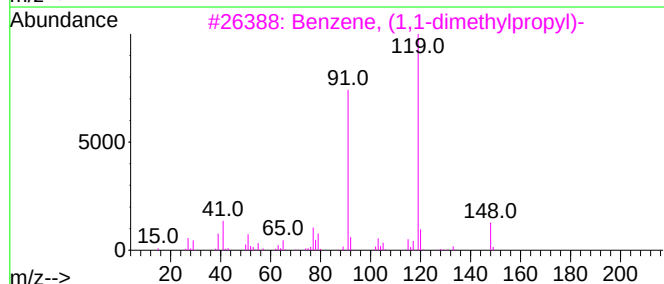
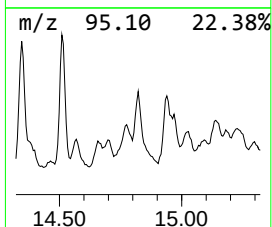
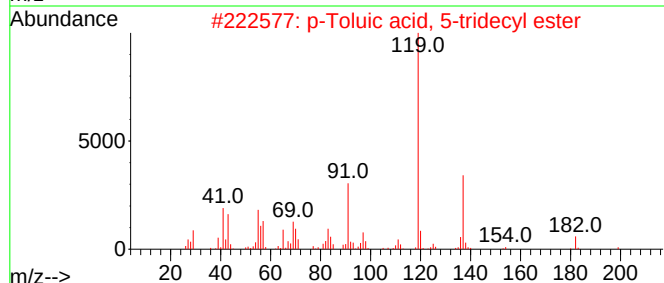
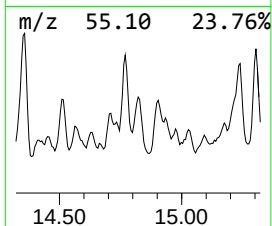
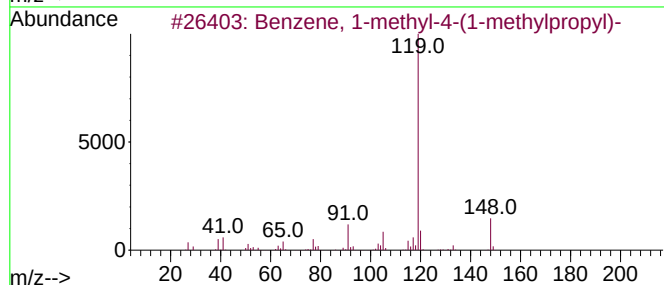
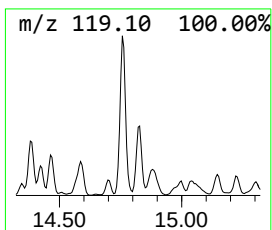
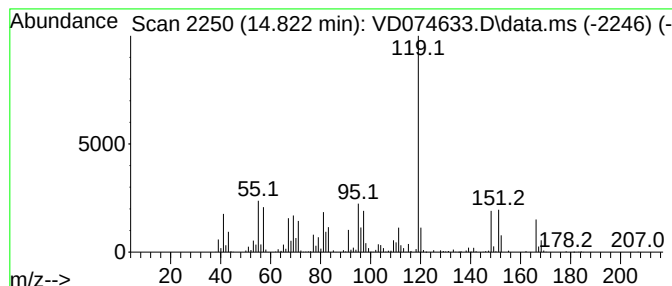
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Quant Title : SW846 8260

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

Peak Number 7 unknown14.822 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.822	402.77 ug/l	1582390	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	43
2			p-Toluic acid, 5-tridecyl ester	318	C21H34O2	1000299-80-5	38
3			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	38
4			p-Cymene	134	C10H14	000099-87-6	35
5			1,3-Benzenediol, O-(2,6-difluoro...	368	C21H14F2O4	1000345-52-6	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102522\
Data File : VD074633.D
Acq On : 25 Oct 2022 15:25
Operator : VA/SY
Sample : N5267-07
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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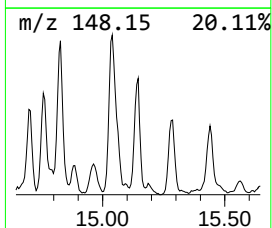
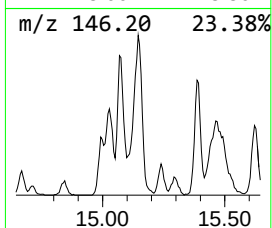
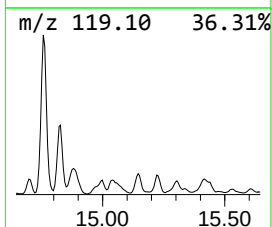
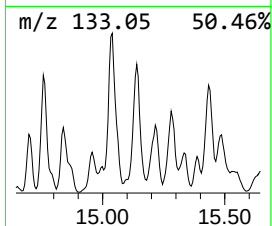
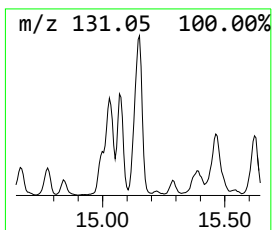
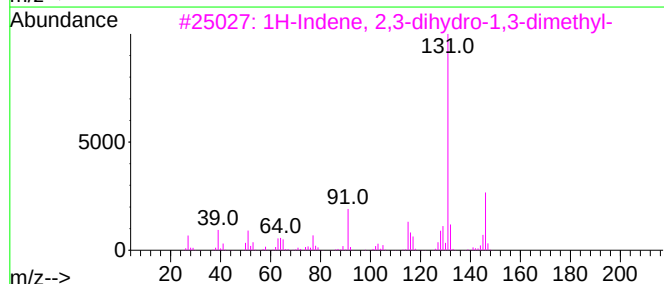
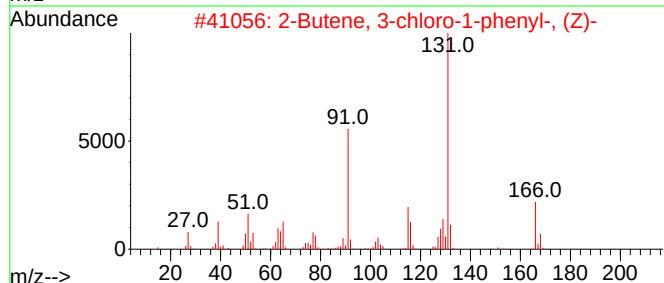
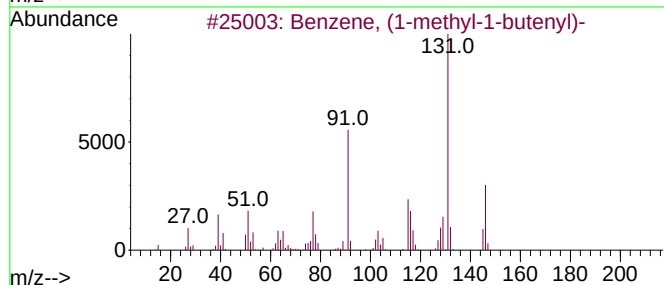
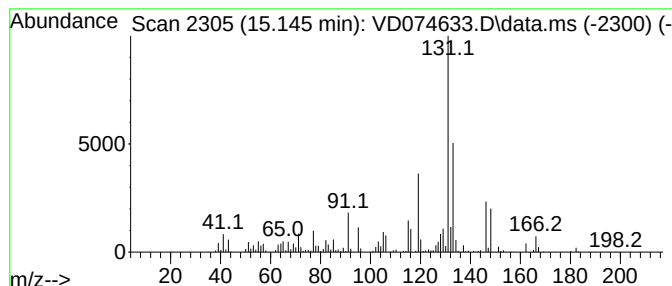
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, (1-methyl-1-butenyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.145	317.28 ug/l	1246500	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
2			2-Butene, 3-chloro-1-phenyl-, (Z)-	166	C10H11Cl	016608-68-7	64
3			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	55
4			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	55
5			Cyclopropane, 1-chloro-1-methyl-...	166	C10H11Cl	1000161-07-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102522\
Data File : VD074633.D
Acq On : 25 Oct 2022 15:25
Operator : VA/SY
Sample : N5267-07
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP3-1024

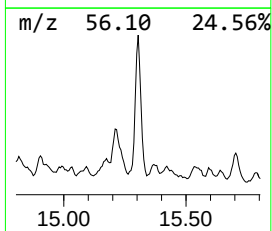
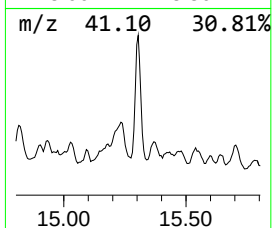
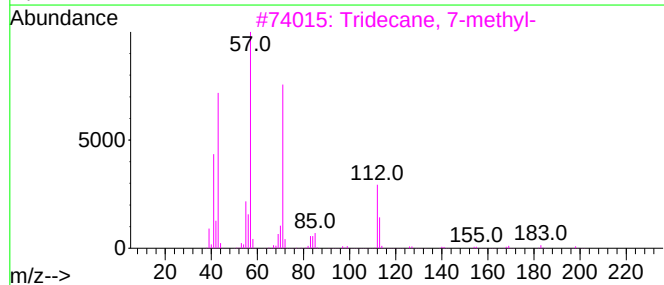
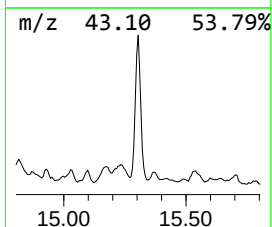
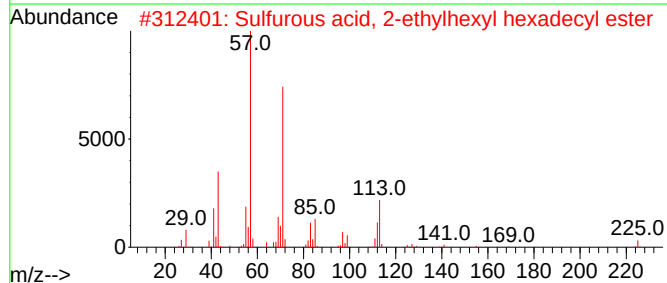
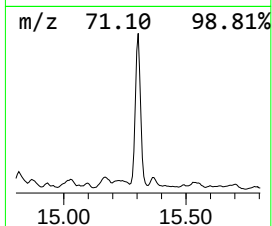
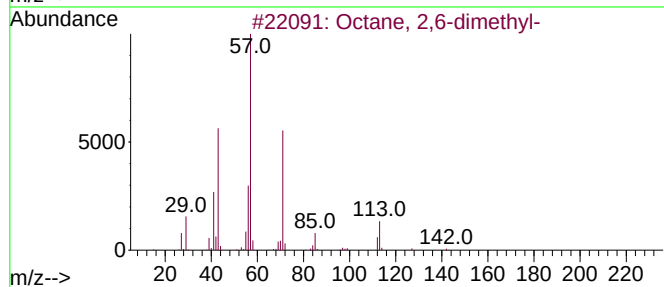
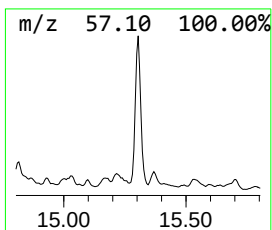
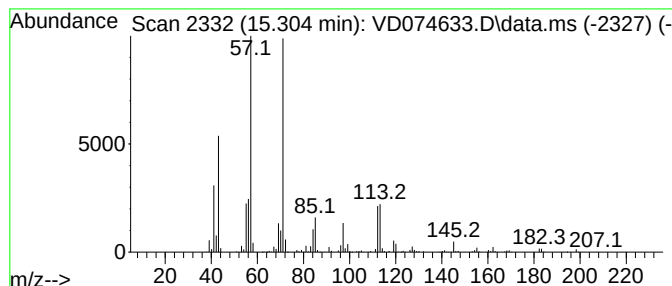
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Quant Title : SW846 8260

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

Peak Number 9 Octane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.304	804.89 ug/l	3162200	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
2			Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	72
3			Tridecane, 7-methyl-	198	C14H30	026730-14-3	70
4			Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	64
5			Decane, 4-methyl-	156	C11H24	002847-72-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102522\
Data File : VD074633.D
Acq On : 25 Oct 2022 15:25
Operator : VA/SY
Sample : N5267-07
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP3-1024

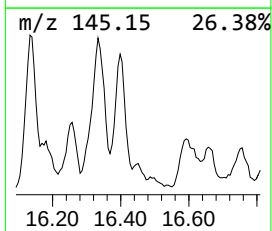
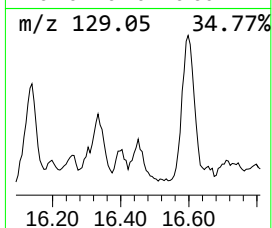
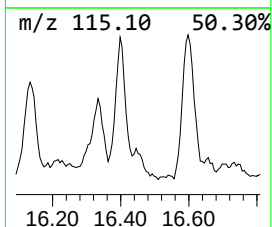
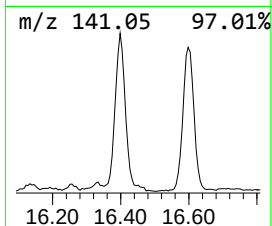
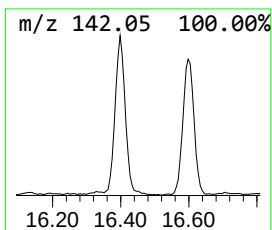
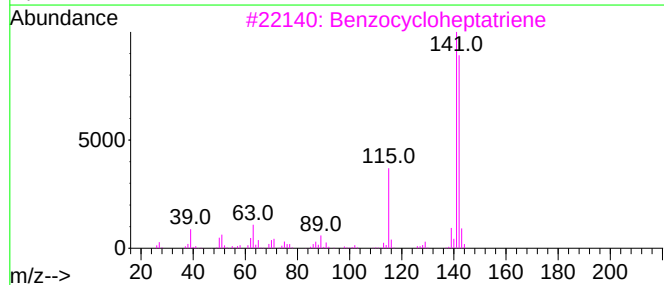
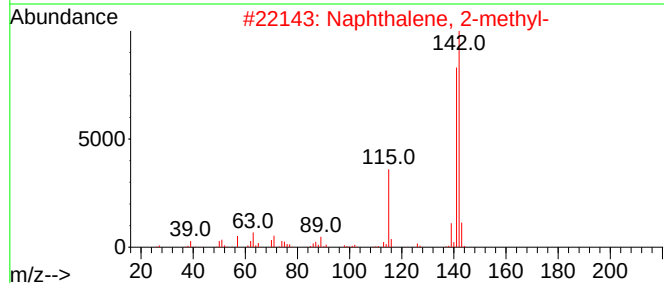
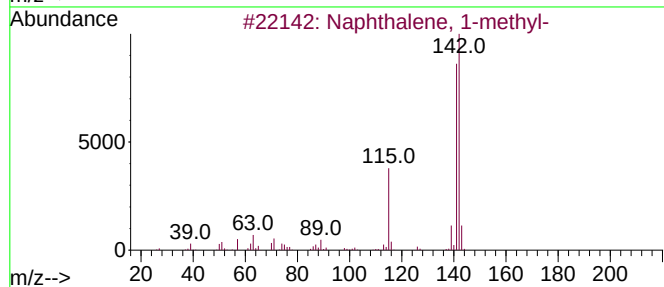
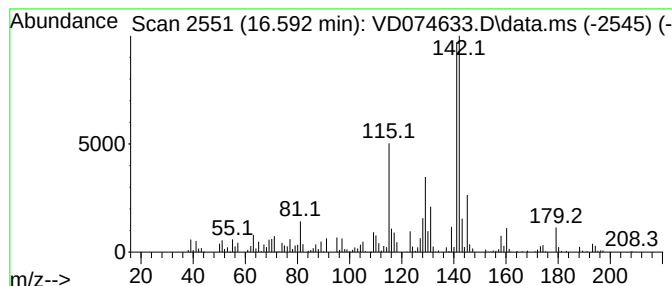
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Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.592	336.15 ug/l	1320660	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3			Benzocycloheptatriene	142	C11H10	000264-09-5	64
4			Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	62
5			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102522\
Data File : VD074633.D
Acq On : 25 Oct 2022 15:25
Operator : VA/SY
Sample : N5267-07
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP3-1024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.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
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Benzene, 2-ethy...	14.057	327.9	ug/l	1288200	4	13.516	196436	50.0
unknown14.233	14.233	262.5	ug/l	1031330	4	13.516	196436	50.0
Naphthalene, de...	14.351	873.1	ug/l	3430360	4	13.516	196436	50.0
Bicyclo[2.2.1]h...	14.510	351.9	ug/l	1382490	4	13.516	196436	50.0
Benzene, 1,2,4,...	14.763	847.3	ug/l	3328840	4	13.516	196436	50.0
unknown14.822	14.822	402.8	ug/l	1582390	4	13.516	196436	50.0
Benzene, (1-met...	15.145	317.3	ug/l	1246500	4	13.516	196436	50.0
Octane, 2,6-dim...	15.304	804.9	ug/l	3162200	4	13.516	196436	50.0
Naphthalene, 1-...	16.592	336.1	ug/l	1320660	4	13.516	196436	50.0