

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102822\
 Data File : VD074676.D
 Acq On : 28 Oct 2022 17:20
 Operator : VA/SY
 Sample : N5267-04
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP2-1024

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\82D102722S.M
 Title : SW846 8260

Signal : TIC: VD074676.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	12	24	37	rBV	463025	747843	100.00%	11.583%
2	4.798	537	546	558	rVB2	16488	49673	6.64%	0.769%
3	5.010	572	582	583	rBV3	3412	7526	1.01%	0.117%
4	7.063	922	931	942	rBV	12505	37120	4.96%	0.575%
5	7.804	1048	1057	1063	rBV	116141	278310	37.22%	4.310%
6	7.875	1063	1069	1079	rVB	161486	359176	48.03%	5.563%
7	8.234	1115	1130	1142	rBB	93283	217083	29.03%	3.362%
8	8.775	1211	1222	1232	rBV	236282	481554	64.39%	7.458%
9	10.269	1468	1476	1490	rBV	392409	701497	93.80%	10.865%
10	10.663	1536	1543	1548	rBV	6698	11579	1.55%	0.179%
11	11.580	1691	1699	1710	rBV	271306	453641	60.66%	7.026%
12	11.827	1735	1741	1745	rBV3	5027	8404	1.12%	0.130%
13	12.098	1779	1787	1795	rBV8	8750	22314	2.98%	0.346%
14	12.298	1816	1821	1823	rBV4	7080	11944	1.60%	0.185%
15	12.327	1823	1826	1833	rVB5	9414	17401	2.33%	0.270%
16	12.469	1843	1850	1855	rVB6	5303	14595	1.95%	0.226%
17	12.574	1861	1868	1874	rBV	219082	366663	49.03%	5.679%
18	12.663	1874	1883	1887	rBV7	6257	17037	2.28%	0.264%
19	12.739	1887	1896	1902	rVB5	21174	47728	6.38%	0.739%
20	12.822	1902	1910	1914	rBV6	14048	32595	4.36%	0.505%
21	12.898	1914	1923	1927	rBV4	28471	62278	8.33%	0.965%
22	13.039	1943	1947	1950	rBV5	11504	17399	2.33%	0.269%
23	13.127	1959	1962	1971	rVB8	15435	27794	3.72%	0.430%
24	13.216	1971	1977	1981	rBV7	14241	26560	3.55%	0.411%
25	13.257	1981	1984	1989	rBV6	6768	11092	1.48%	0.172%
26	13.339	1995	1998	2002	rVB3	11106	15158	2.03%	0.235%
27	13.404	2002	2009	2013	rBV6	28054	60881	8.14%	0.943%
28	13.516	2022	2028	2037	rVB	204510	341939	45.72%	5.296%
29	13.657	2047	2052	2055	rBV6	18358	35754	4.78%	0.554%
30	13.757	2065	2069	2076	rBV4	15564	28351	3.79%	0.439%
31	13.839	2077	2083	2088	rBV3	63335	119951	16.04%	1.858%
32	13.886	2088	2091	2097	rBV6	11291	20957	2.80%	0.325%
33	13.945	2098	2101	2104	rBV4	13526	22451	3.00%	0.348%
34	14.057	2116	2120	2130	rVB	47412	86865	11.62%	1.345%
35	14.163	2133	2138	2144	rVB3	52017	87026	11.64%	1.348%
36	14.233	2144	2150	2156	rBV6	35035	77943	10.42%	1.207%

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 ALS Vial : 16 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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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

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37	14.286	2156	2159	2164	rBV7	14791	26542	3.55%	0.411%
38	14.345	2164	2169	2173	rBV4	66075	115949	15.50%	1.796%
39	14.421	2179	2182	2186	rVB2	28008	36035	4.82%	0.558%
40	14.463	2186	2189	2192	rBV4	28775	40901	5.47%	0.633%
41	14.510	2192	2197	2201	rBV6	68580	105301	14.08%	1.631%
42	14.704	2226	2230	2234	rBV4	34782	52631	7.04%	0.815%
43	14.763	2235	2240	2246	rVV4	102443	225867	30.20%	3.498%
44	14.821	2246	2250	2256	rVB3	55015	97134	12.99%	1.504%
45	15.033	2281	2286	2290	rBV5	51362	75837	10.14%	1.175%
46	15.145	2300	2305	2311	rVB3	43885	91928	12.29%	1.424%
47	15.210	2314	2316	2324	rVB8	41738	78642	10.52%	1.218%
48	15.298	2327	2331	2338	rVB3	61417	99126	13.25%	1.535%
49	15.386	2340	2346	2349	rBV6	38088	82360	11.01%	1.276%
50	15.704	2396	2400	2405	rVB5	55509	93580	12.51%	1.449%
51	15.827	2418	2421	2426	rVB6	43729	65090	8.70%	1.008%
52	16.257	2490	2494	2500	rVB4	34002	60730	8.12%	0.941%
53	16.586	2547	2550	2566	rVB4	45289	143323	19.16%	2.220%
54	16.710	2566	2571	2575	rBV7	16587	39535	5.29%	0.612%

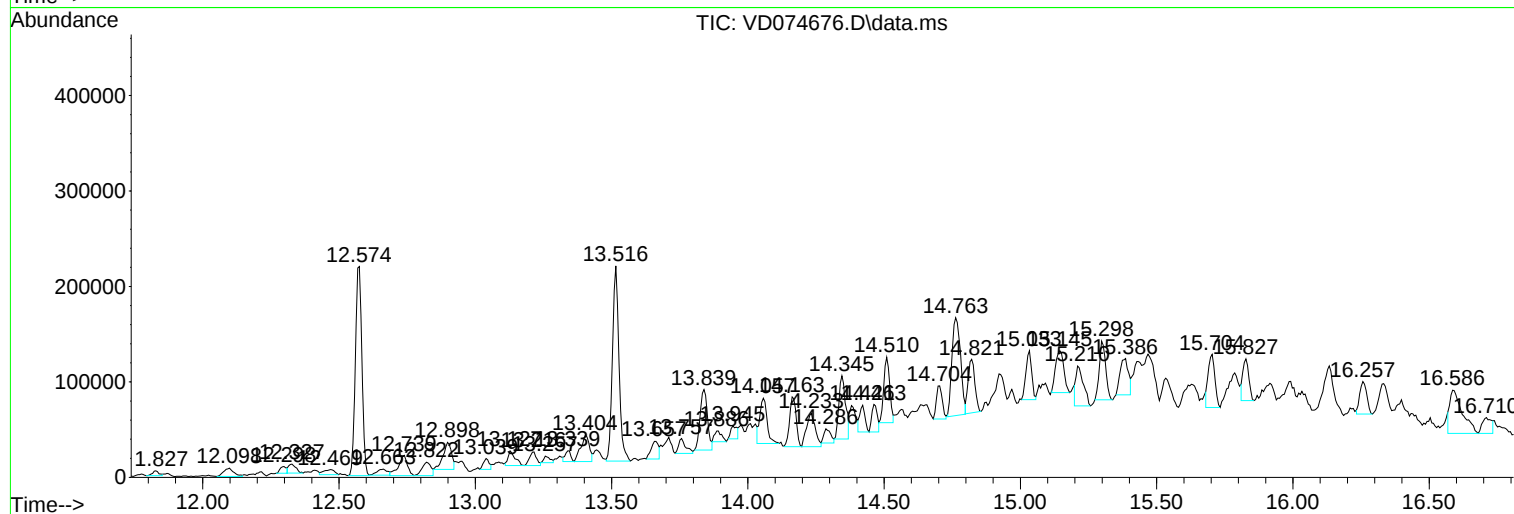
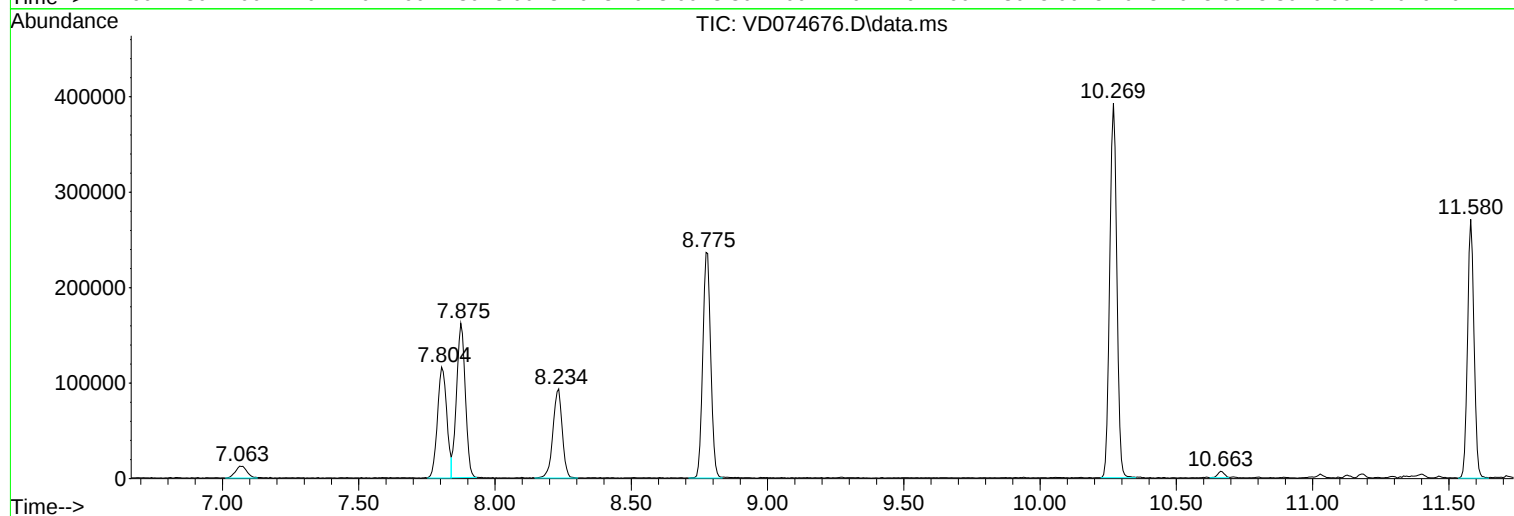
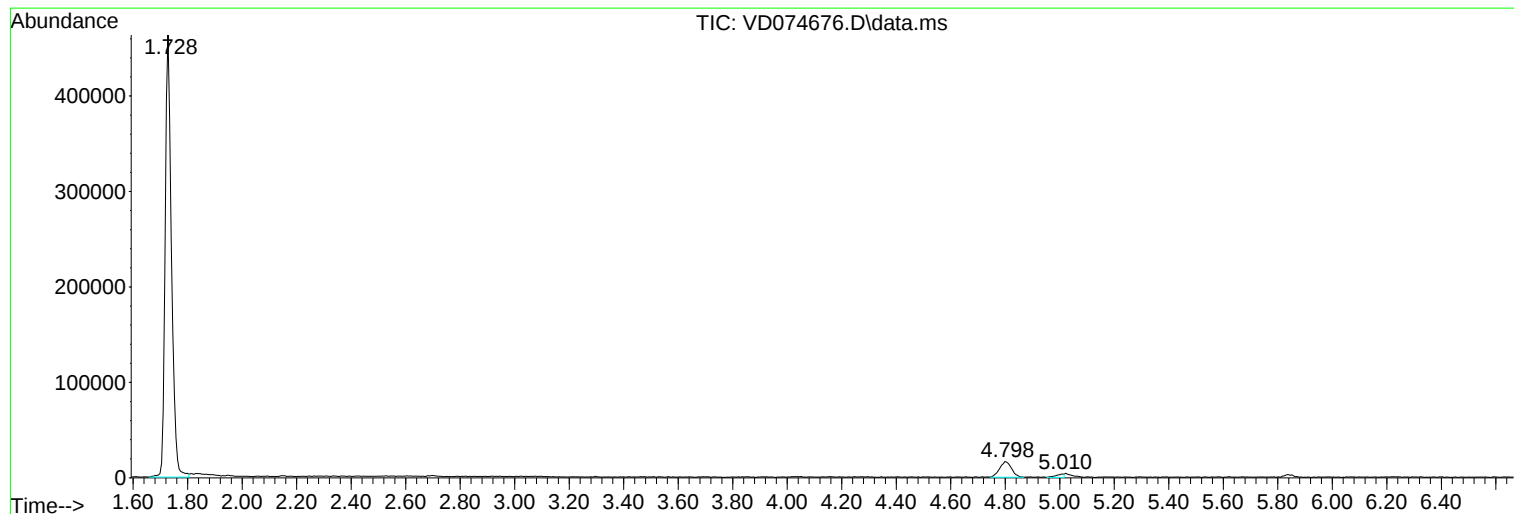
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
Quant Title : SW846 8260

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



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Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP2-1024

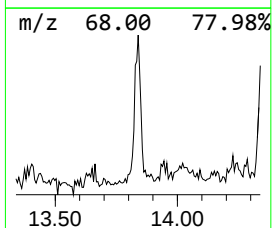
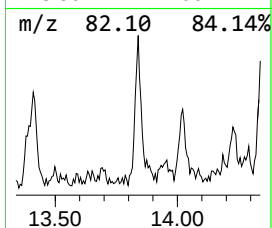
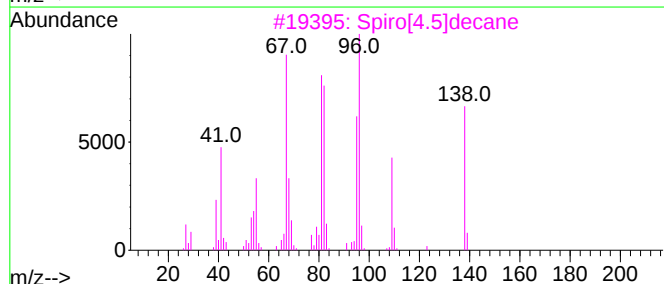
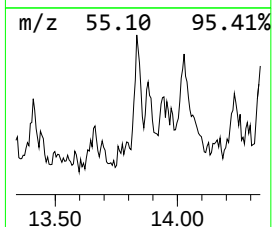
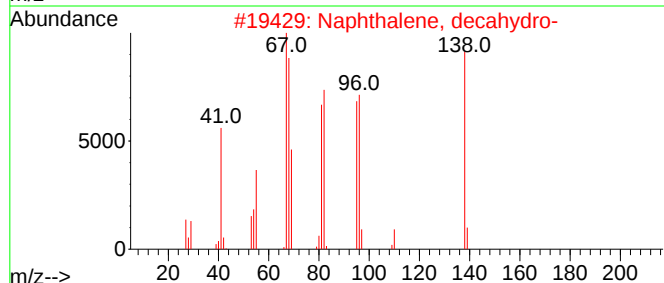
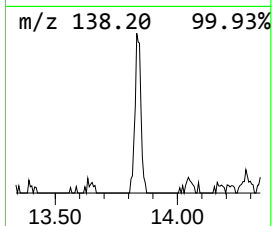
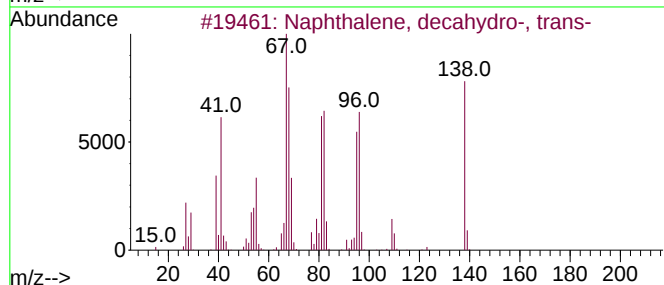
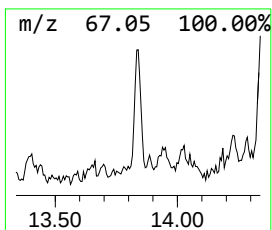
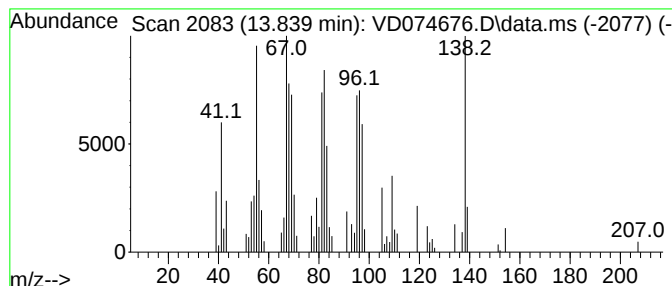
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, decahydro-, tr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.839	17.54 ug/l	119951	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
2			Naphthalene, decahydro-	138	C10H18	000091-17-8	93
3			Spiro[4.5]decane	138	C10H18	000176-63-6	72
4			Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	70
5			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102822\
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Operator : VA/SY
Sample : N5267-04
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP2-1024

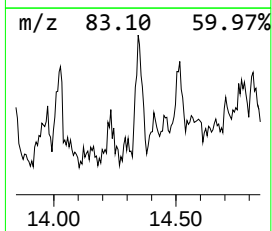
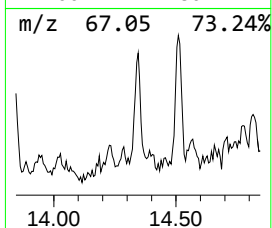
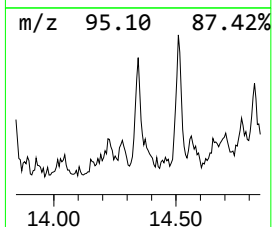
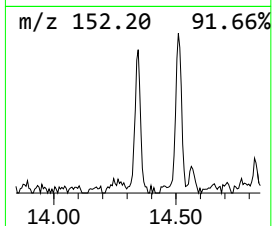
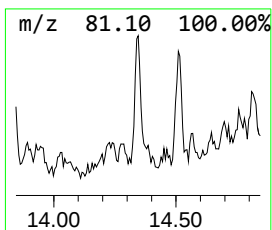
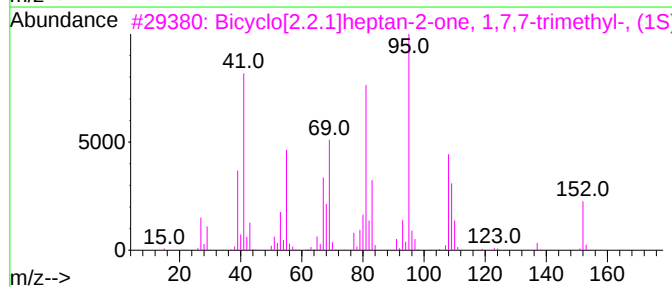
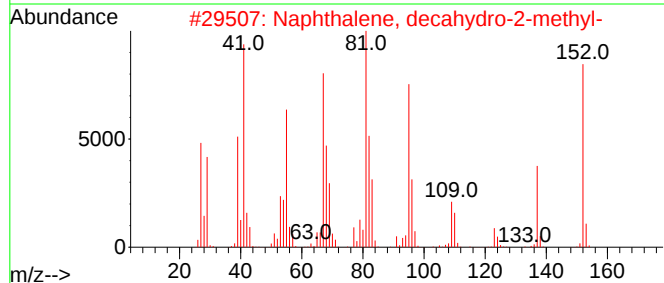
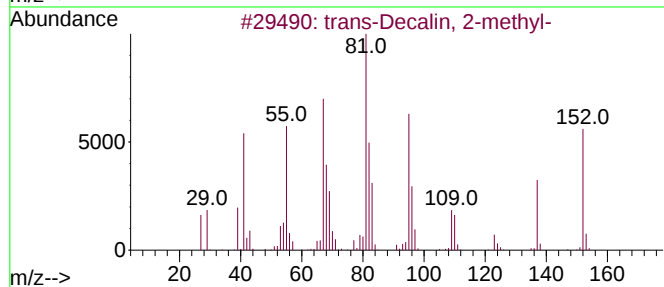
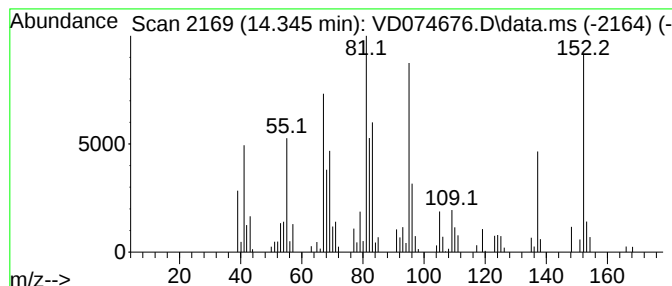
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
Quant Title : SW846 8260

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

Peak Number 3 trans-Decalin, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.345	16.95 ug/l	115949	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	91
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	83
3			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	81
4			(+)-2-Bornanone	152	C10H16O	000464-49-3	76
5			Camphor	152	C10H16O	000076-22-2	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102822\
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Operator : VA/SY
Sample : N5267-04
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

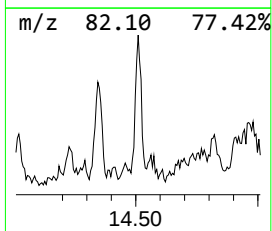
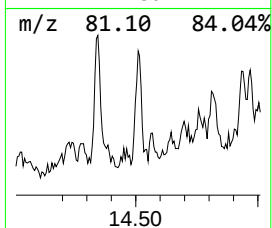
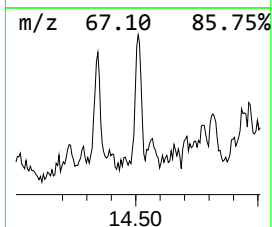
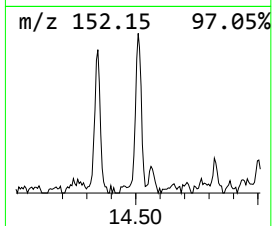
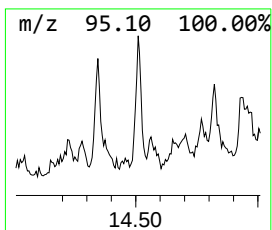
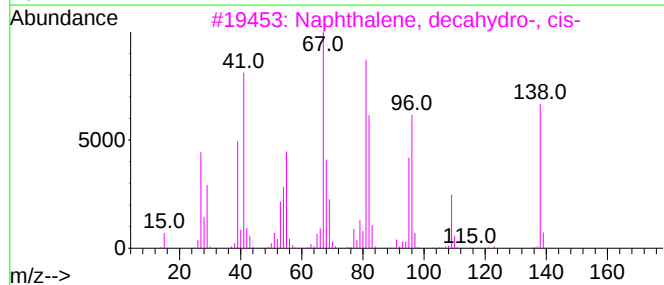
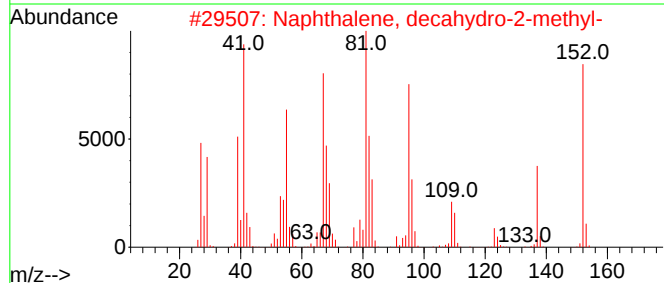
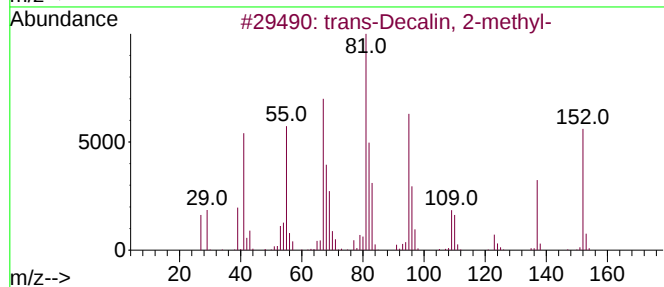
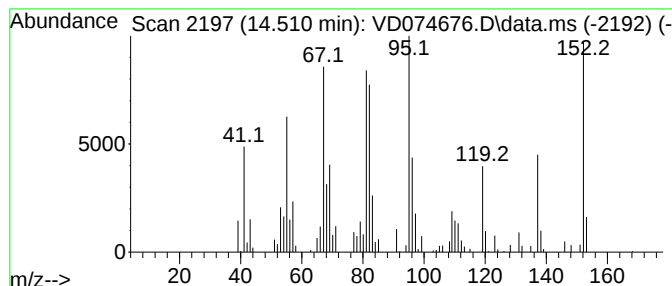
Instrument :
MSVOA_D
ClientSampleId :
TP2-1024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.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 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.510	15.40 ug/l	105301	1,4-Dichlorobenzene-d4		13.516	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-		152	C11H20	1000152-47-3	64
2	Naphthalene, decahydro-2-methyl-		152	C11H20	002958-76-1	62
3	Naphthalene, decahydro-, cis-		138	C10H18	000493-01-6	50
4	Cyclohexanone, 5-methyl-2-(1-met...		152	C10H16O	029606-79-9	49
5	Bicyclo[5.3.0]decane		138	C10H18	005661-80-3	46



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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP2-1024

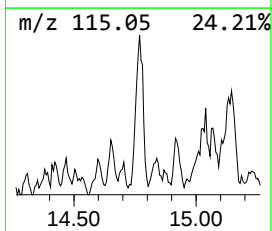
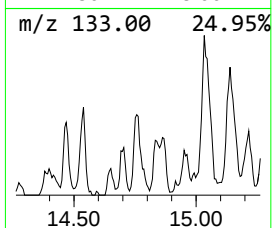
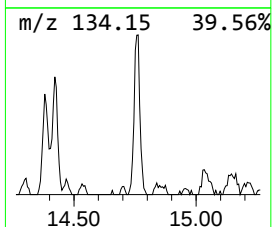
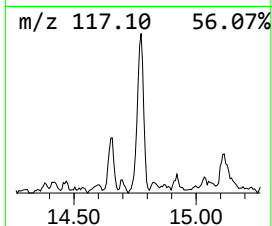
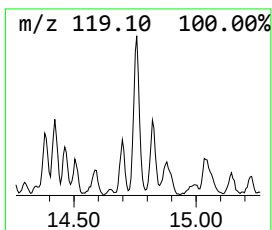
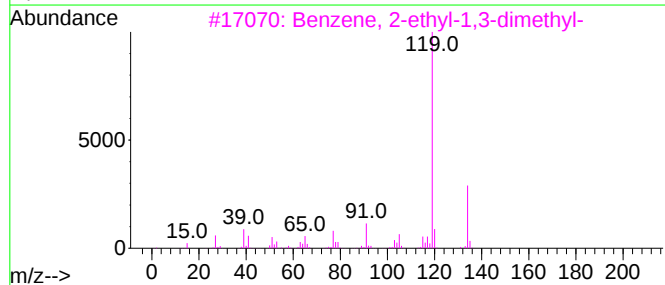
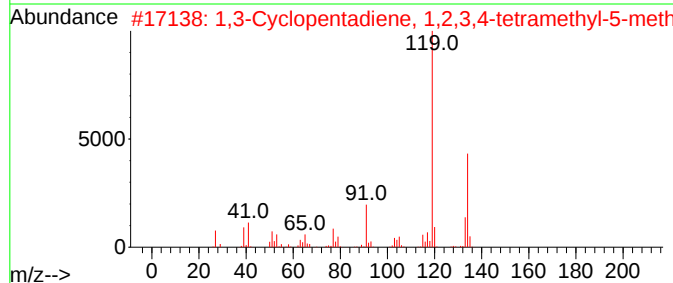
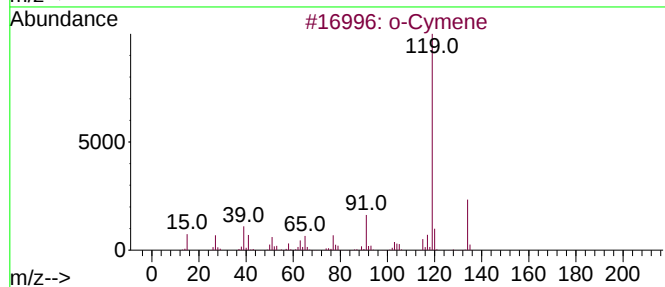
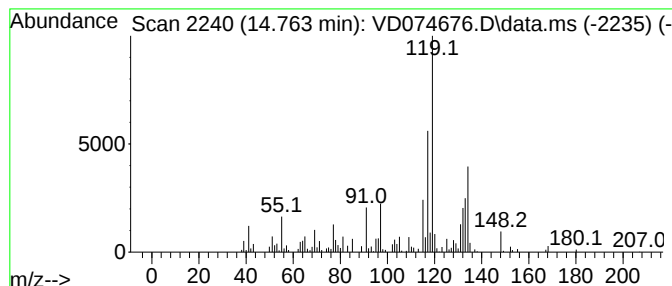
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
Quant Title : SW846 8260

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

Peak Number 5 o-Cymene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.763	33.03 ug/l	225867	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	50
2			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	45
3			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	45
4			p-Cymene	134	C10H14	000099-87-6	45
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	45



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TP2-1024

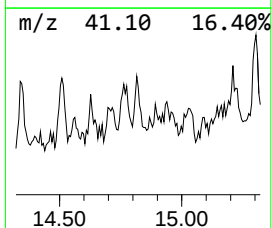
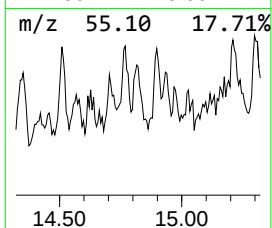
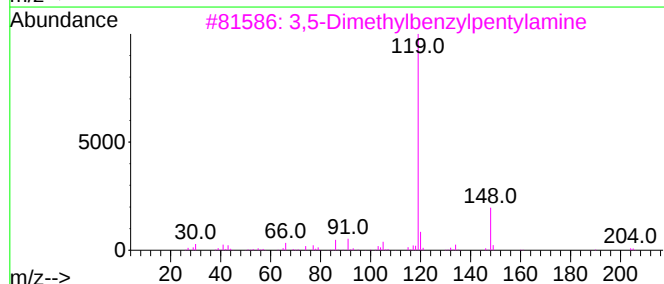
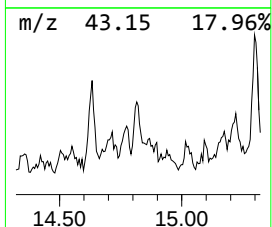
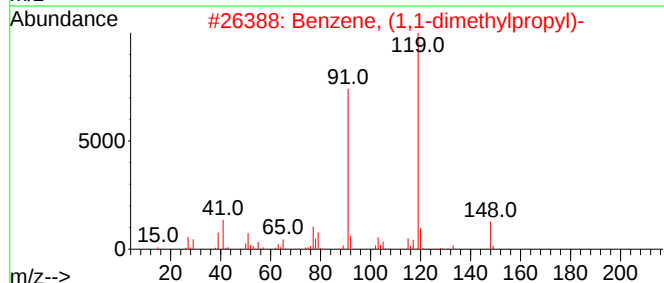
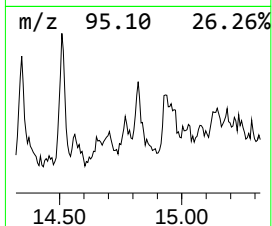
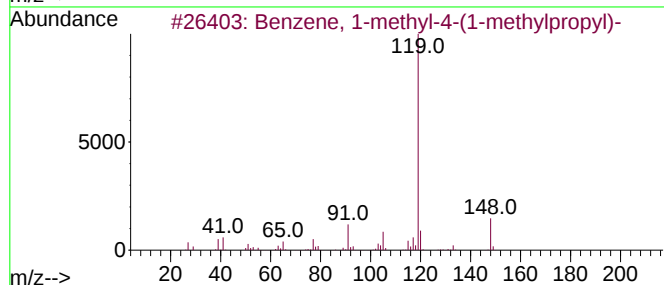
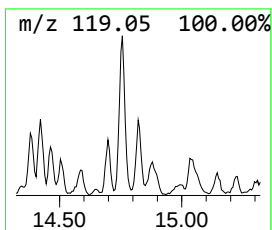
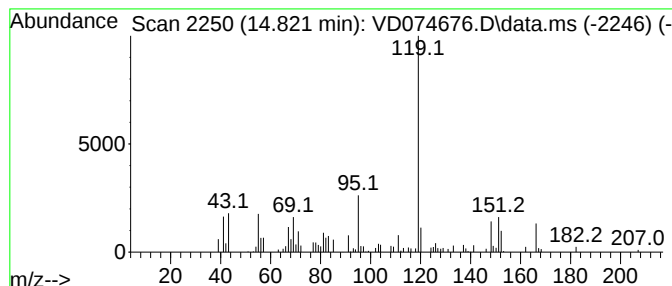
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Quant Title : SW846 8260

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

Peak Number 6 unknown14.821 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.821	14.20 ug/l	97134	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	49
2			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	49
3			3,5-Dimethylbenzylpentylamine	205	C14H23N	1000491-60-8	47
4			2-Amino-3a,4,5,6,7,7a-hexahydro-...	162	C10H14N2	1000185-29-8	43
5			2,4-Dimethylphenethyl alcohol	150	C10H14O	006597-59-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102822\
Data File : VD074676.D
Acq On : 28 Oct 2022 17:20
Operator : VA/SY
Sample : N5267-04
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

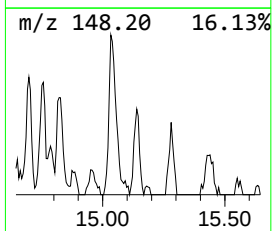
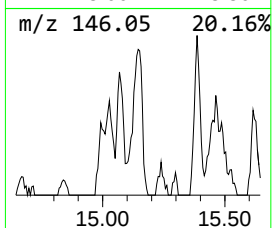
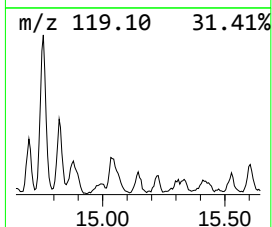
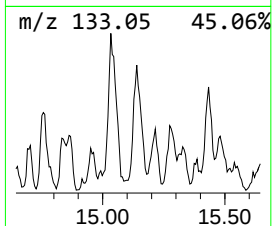
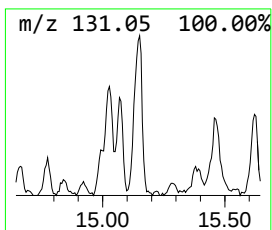
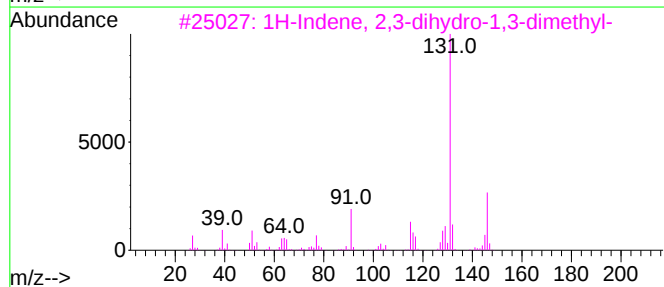
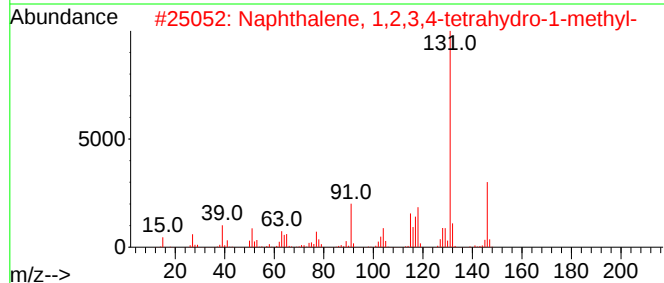
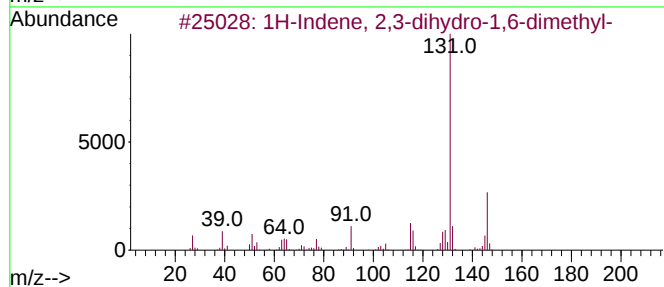
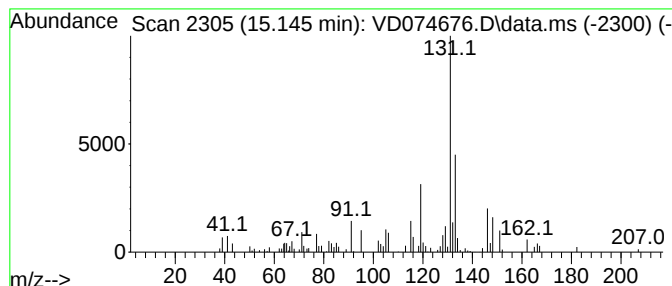
Instrument :
MSVOA_D
ClientSampleId :
TP2-1024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
Quant Title : SW846 8260

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

Peak Number 7 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.145	13.44 ug/l	91928	1,4-Dichlorobenzene-d4		13.516	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...		146	C11H14	017059-48-2	55
2	Naphthalene, 1,2,3,4-tetrahydro-...		146	C11H14	001559-81-5	55
3	1H-Indene, 2,3-dihydro-1,3-dimet...		146	C11H14	004175-53-5	55
4	1H-Indene, 2,3-dihydro-1,1-dimet...		146	C11H14	004912-92-9	55
5	1H-Indene, 2,3-dihydro-1,2-dimet...		146	C11H14	017057-82-8	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102822\
Data File : VD074676.D
Acq On : 28 Oct 2022 17:20
Operator : VA/SY
Sample : N5267-04
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP2-1024

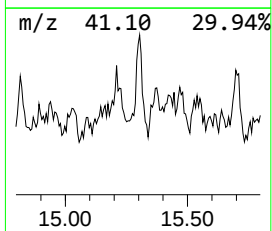
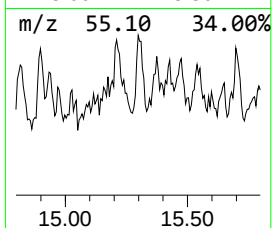
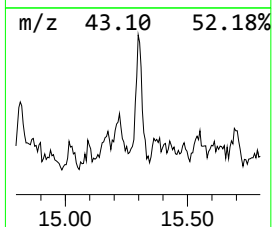
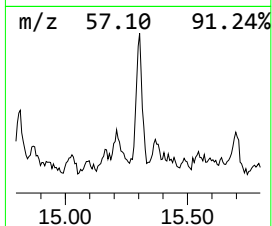
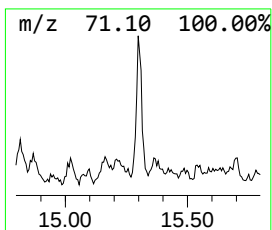
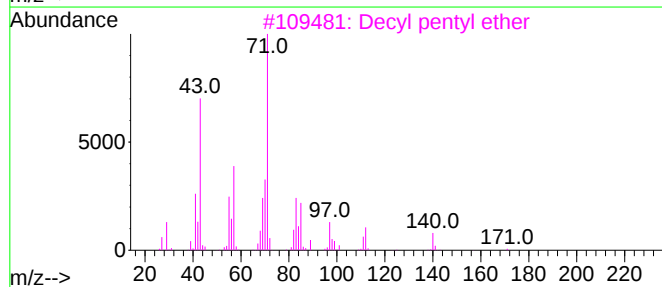
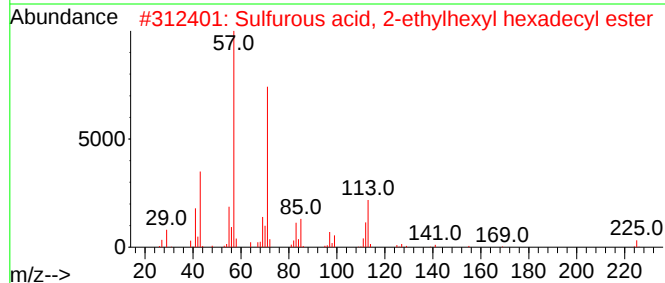
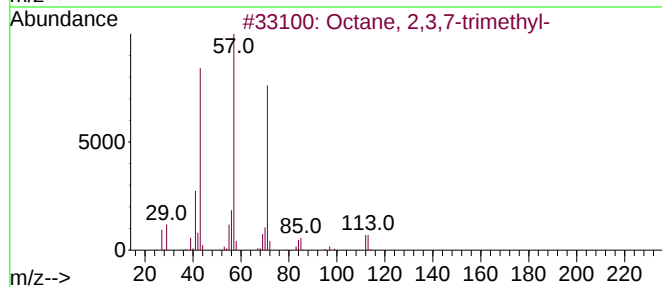
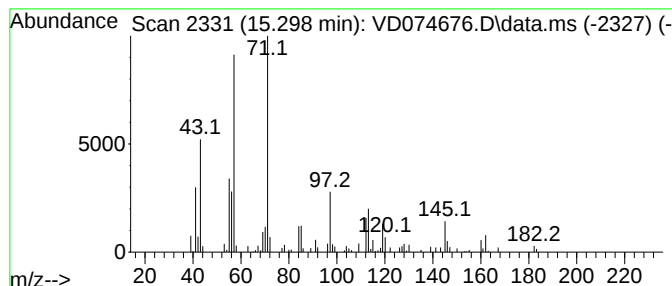
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Quant Title : SW846 8260

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

Peak Number 8 Octane, 2,3,7-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.298	14.49 ug/l	99126	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	59
2			Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	53
3			Decyl pentyl ether	228	C15H32O	1000406-41-5	53
4			Decane, 4-methyl-	156	C11H24	002847-72-5	53
5			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102822\
Data File : VD074676.D
Acq On : 28 Oct 2022 17:20
Operator : VA/SY
Sample : N5267-04
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP2-1024

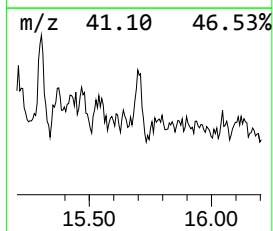
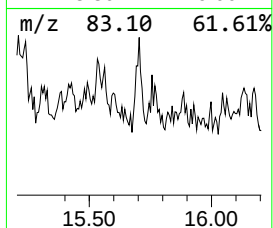
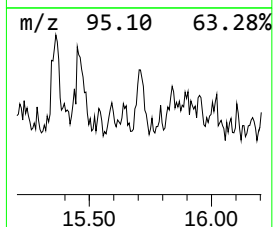
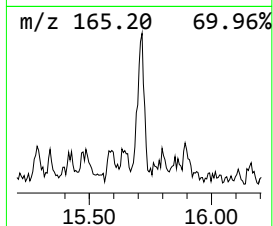
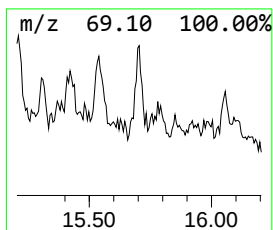
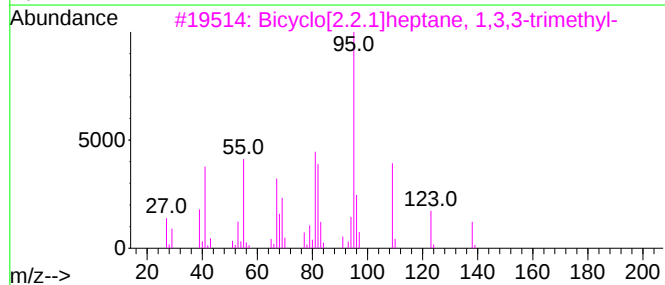
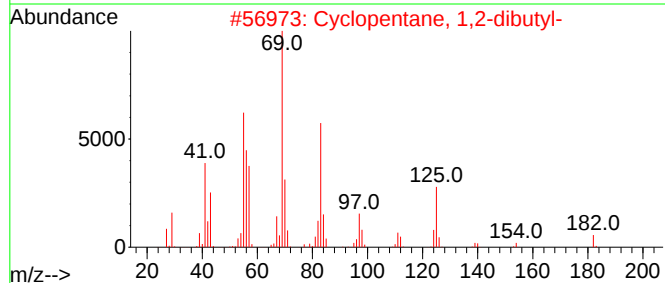
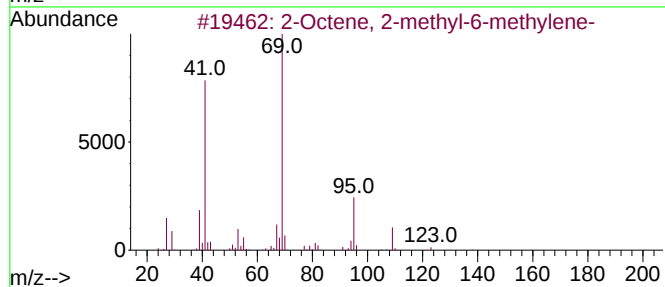
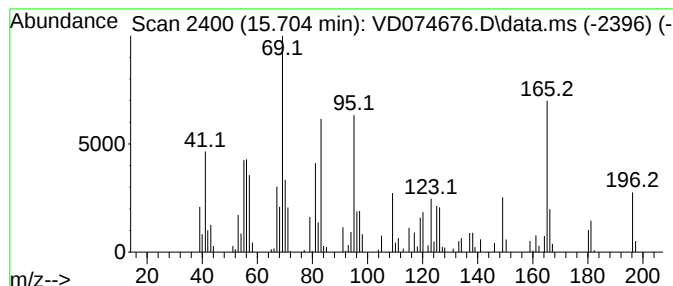
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Quant Title : SW846 8260

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

Peak Number 9 unknown15.704 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.704	13.68 ug/l	93580	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Octene, 2-methyl-6-methylene-	138	C10H18	010054-09-8	35
2			Cyclopentane, 1,2-dibutyl-	182	C13H26	062199-52-4	30
3			Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	25
4			2,2,4-Trimethyl-3-hexene	126	C9H18	059643-72-0	22
5			Furan, 3-(1,1-dimethylethyl)-2,3...	126	C8H14O	034314-82-4	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102822\
Data File : VD074676.D
Acq On : 28 Oct 2022 17:20
Operator : VA/SY
Sample : N5267-04
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP2-1024

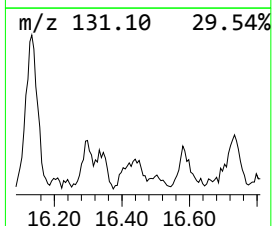
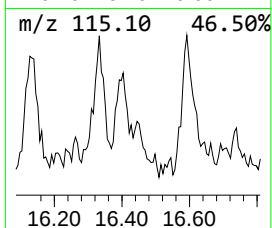
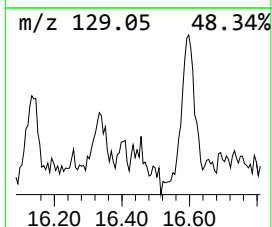
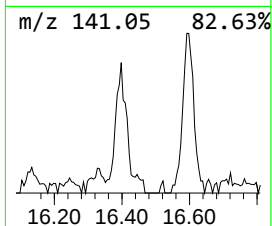
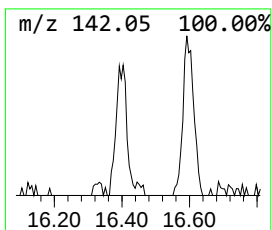
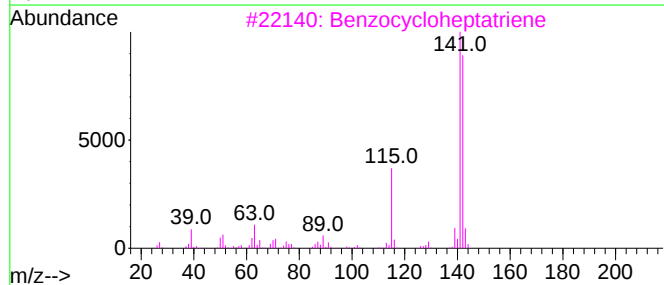
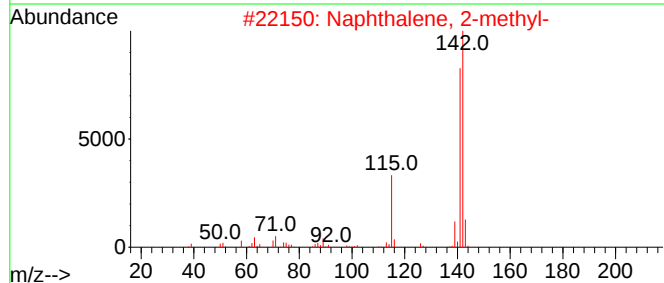
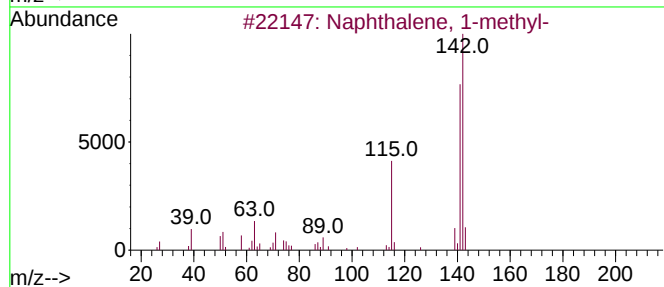
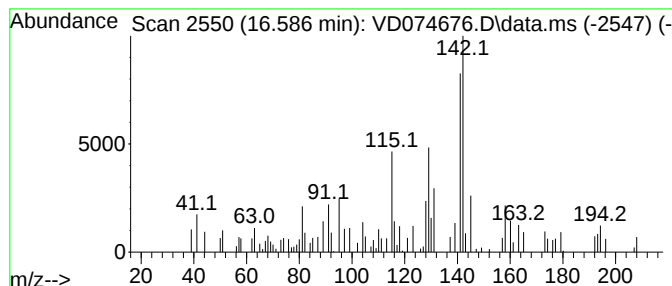
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
Quant Title : SW846 8260

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

Peak Number 10 Benzocycloheptatriene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.586	20.96 ug/l	143323	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	49
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	43
3			Benzocycloheptatriene	142	C11H10	000264-09-5	43
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	38
5			3,4-Difluorobenzaldehyde	142	C7H4F2O	034036-07-2	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102822\
Data File : VD074676.D
Acq On : 28 Oct 2022 17:20
Operator : VA/SY
Sample : N5267-04
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP2-1024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.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
Naphthalene, de...	13.839	17.5	ug/l	119951	4	13.516	341939	50.0
trans-Decalin, ...	14.345	16.9	ug/l	115949	4	13.516	341939	50.0
Naphthalene, de...	14.510	15.4	ug/l	105301	4	13.516	341939	50.0
o-Cymene	14.763	33.0	ug/l	225867	4	13.516	341939	50.0
unknown14.821	14.821	14.2	ug/l	97134	4	13.516	341939	50.0
1H-Indene, 2,3-...	15.145	13.4	ug/l	91928	4	13.516	341939	50.0
Octane, 2,3,7-t...	15.298	14.5	ug/l	99126	4	13.516	341939	50.0
unknown15.704	15.704	13.7	ug/l	93580	4	13.516	341939	50.0
Benzocyclohepta...	16.586	21.0	ug/l	143323	4	13.516	341939	50.0