

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102721\
 Data File : VD070871.D
 Acq On : 27 Oct 2021 18:38
 Operator : VA/SY
 Sample : M4372-03
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2

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\82D102621S.M
 Title : SW846 8260

Signal : TIC: VD070871.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.962	507	517	528	rBV3	34265	109750	4.90%	0.676%
2	5.991	683	692	704	rBV4	8217	27034	1.21%	0.167%
3	7.908	1007	1018	1024	rBV	306891	770627	34.40%	4.748%
4	7.973	1024	1029	1039	rVB	500124	1102582	49.22%	6.793%
5	8.326	1078	1089	1099	rBV	270486	593817	26.51%	3.658%
6	8.861	1170	1180	1190	rBV	773706	1563859	69.82%	9.635%
7	10.332	1421	1430	1446	rBV	1237772	2239928	100.00%	13.800%
8	10.720	1491	1496	1502	rVB4	12206	23285	1.04%	0.143%
9	11.638	1644	1652	1662	rBV	1113798	1892824	84.50%	11.661%
10	12.144	1731	1738	1747	rBV9	12687	41458	1.85%	0.255%
11	12.620	1813	1819	1827	rBV	808171	1348641	60.21%	8.309%
12	12.785	1842	1847	1855	rVB4	47567	93569	4.18%	0.576%
13	12.873	1855	1862	1864	rBV6	21375	46725	2.09%	0.288%
14	12.944	1869	1874	1888	rVB9	36399	119822	5.35%	0.738%
15	13.085	1894	1898	1903	rBV7	16522	25817	1.15%	0.159%
16	13.173	1909	1913	1917	rBV4	39697	67085	2.99%	0.413%
17	13.385	1946	1949	1953	rBV6	18251	32924	1.47%	0.203%
18	13.449	1953	1960	1964	rVV8	43136	98408	4.39%	0.606%
19	13.496	1964	1968	1972	rVV6	29683	55064	2.46%	0.339%
20	13.561	1972	1979	1987	rVV	1126413	1910728	85.30%	11.772%
21	13.702	1998	2003	2007	rVV7	42167	70325	3.14%	0.433%
22	13.885	2028	2034	2039	rVV3	185301	349656	15.61%	2.154%
23	13.996	2048	2053	2054	rBV4	37469	62190	2.78%	0.383%
24	14.102	2067	2071	2075	rVB6	47869	68647	3.06%	0.423%
25	14.208	2084	2089	2093	rBV6	80962	150675	6.73%	0.928%
26	14.267	2094	2099	2106	rVB9	76277	156141	6.97%	0.962%
27	14.332	2106	2110	2115	rBV6	63597	138036	6.16%	0.850%
28	14.390	2115	2120	2124	rBV2	184463	308891	13.79%	1.903%
29	14.508	2136	2140	2142	rBV4	74431	96229	4.30%	0.593%
30	14.555	2144	2148	2154	rVB5	219346	355739	15.88%	2.192%
31	14.743	2177	2180	2186	rVB6	56971	72836	3.25%	0.449%
32	14.820	2186	2193	2196	rBV8	114997	288395	12.88%	1.777%
33	14.861	2196	2200	2206	rVB6	141382	279919	12.50%	1.725%
34	14.985	2216	2221	2223	rBV6	71183	128267	5.73%	0.790%
35	15.079	2233	2237	2244	rVB7	91307	155333	6.93%	0.957%
36	15.190	2252	2256	2261	rVB6	80073	146185	6.53%	0.901%

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ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-2

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\82D102621S.M
Title : SW846 8260

37	15.267	2265	2269	2278	rVB8	105114	231646	10.34%	1.427%
38	15.349	2278	2283	2291	rBV5	148294	342829	15.31%	2.112%
39	15.761	2350	2353	2360	rVB6	110445	194997	8.71%	1.201%
40	16.332	2445	2450	2456	rVB6	73725	147469	6.58%	0.909%
41	16.673	2503	2508	2523	rVB6	100686	323204	14.43%	1.991%

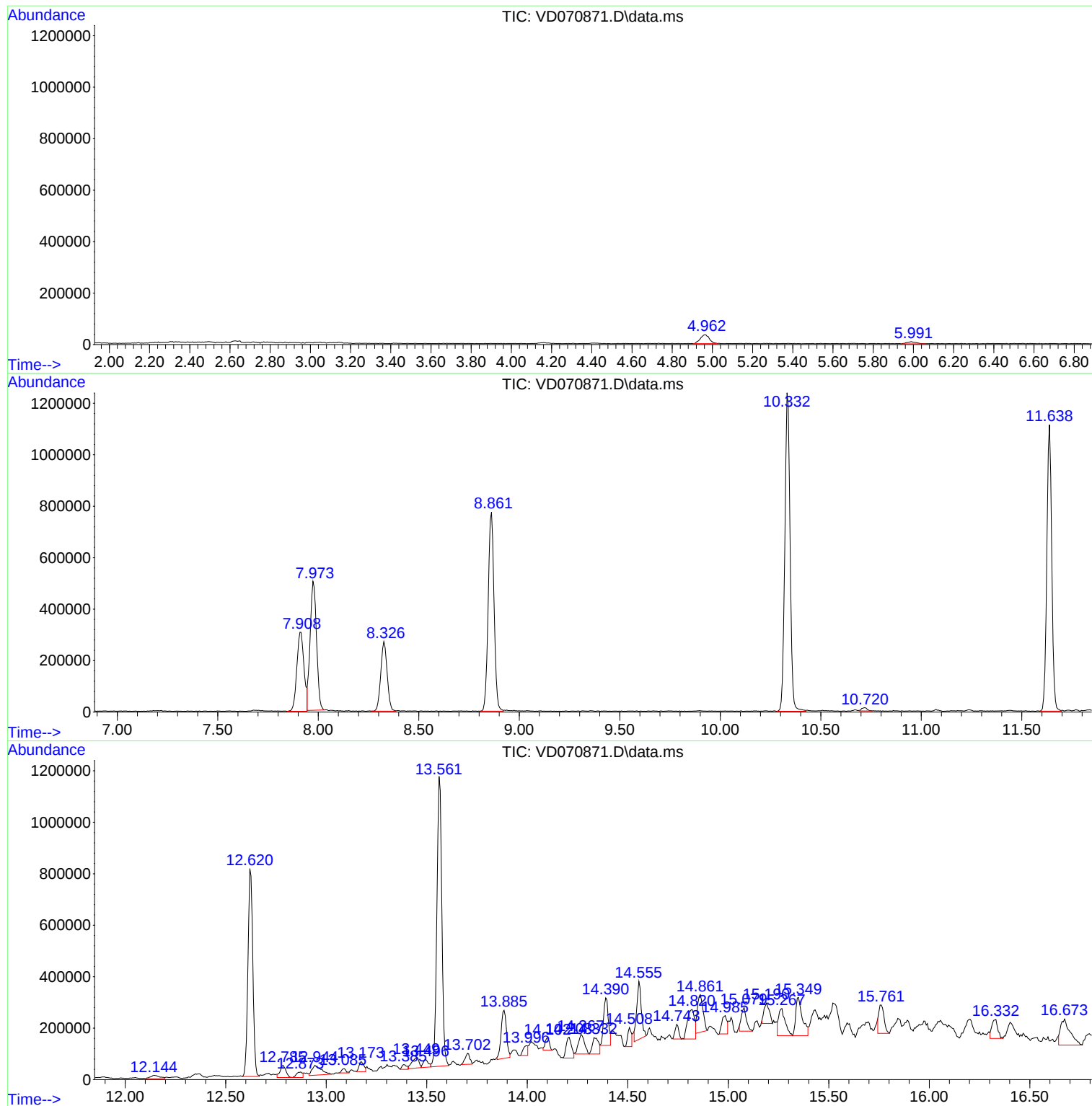
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MSVOA_D
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
Quant Title : SW846 8260

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



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ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :
SB-2

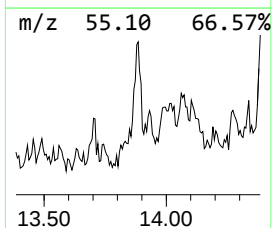
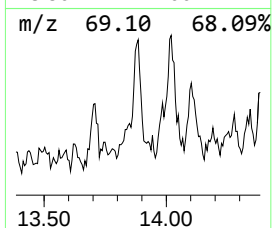
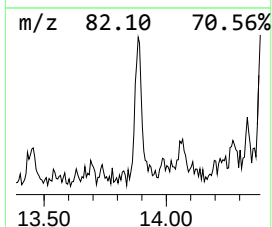
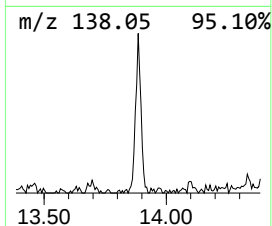
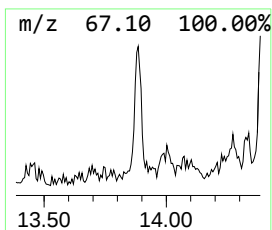
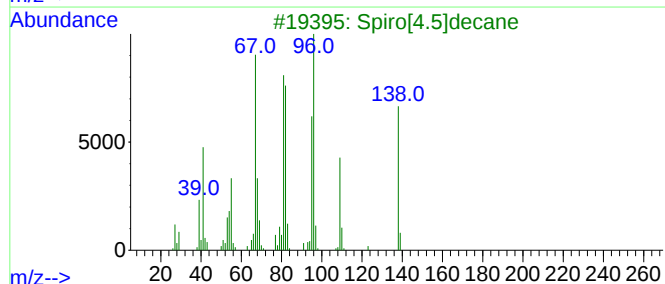
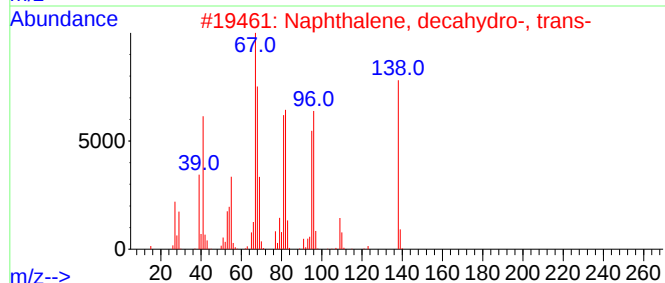
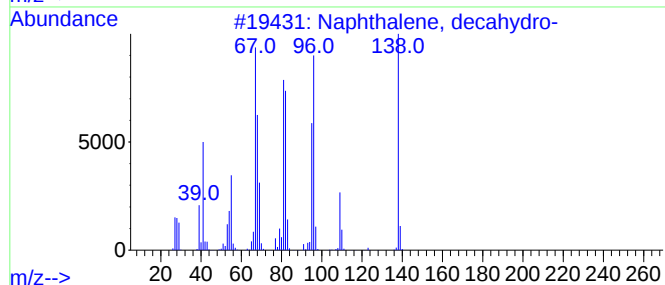
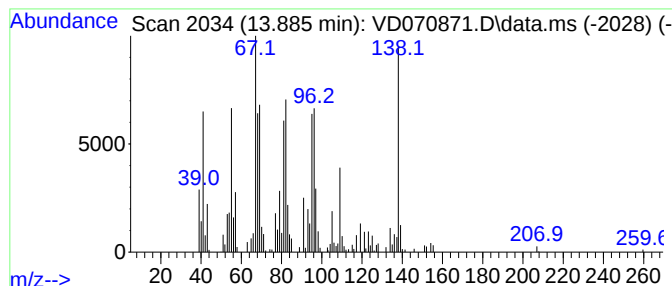
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, decahydro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.885	9.15 ug/l	349656	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-	138	C10H18	000091-17-8	95
2			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	91
3			Spiro[4.5]decane	138	C10H18	000176-63-6	87
4			Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	76
5			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	74



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Sample : M4372-03
Misc : 5.03G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

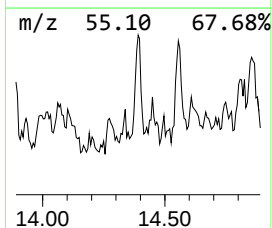
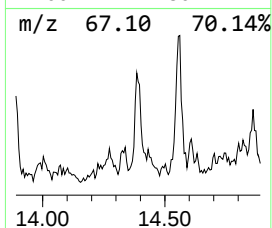
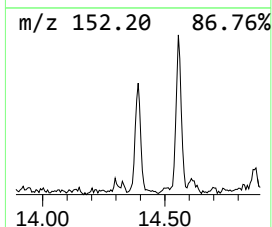
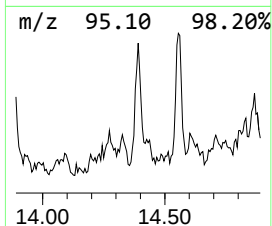
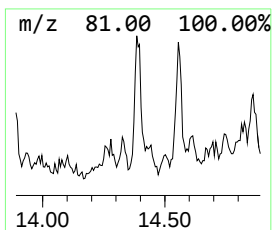
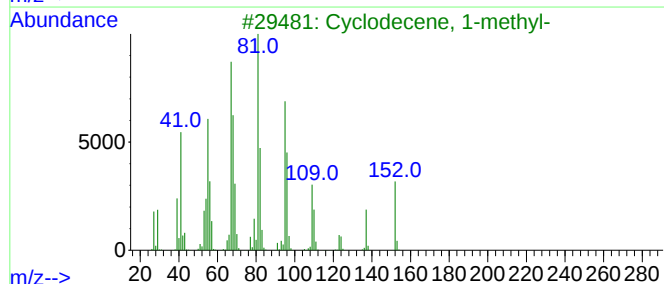
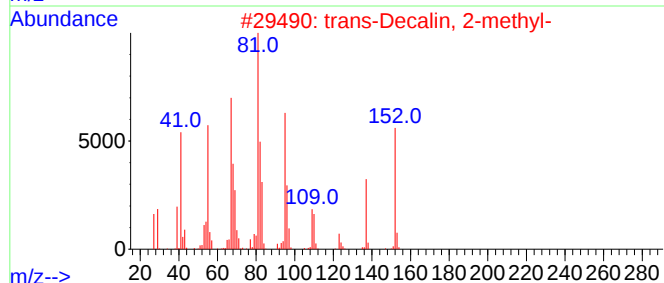
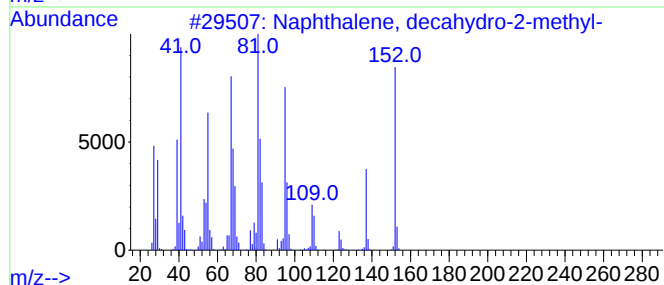
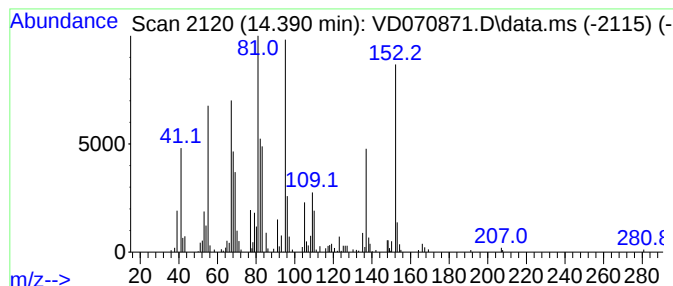
Instrument :
MSVOA_D
ClientSampled :
SB-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, decahydro-2-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.390	8.08 ug/l	308891	1,4-Dichlorobenzene-d4	13.561	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	86
3	Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	76
4	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	76
5	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	60



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Misc : 5.03G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-2

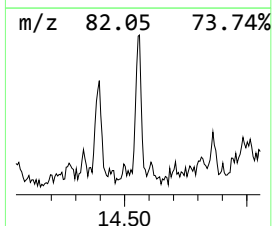
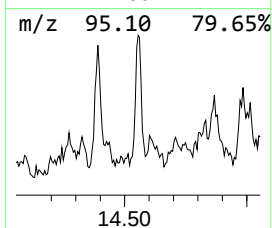
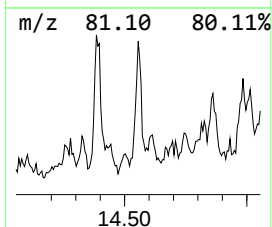
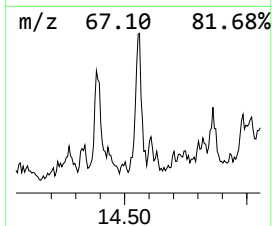
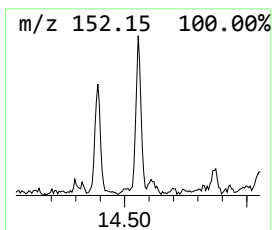
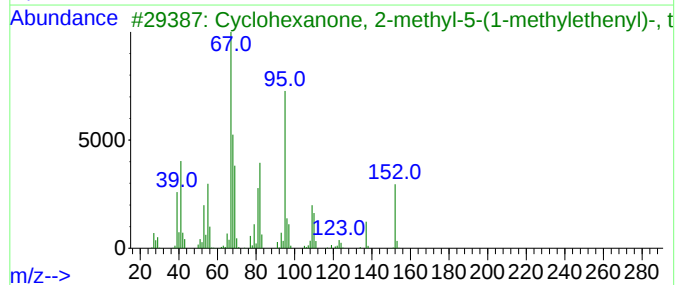
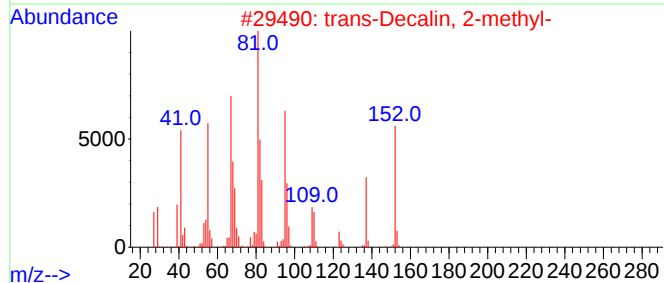
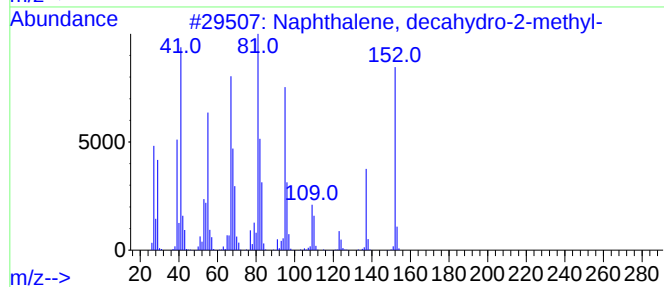
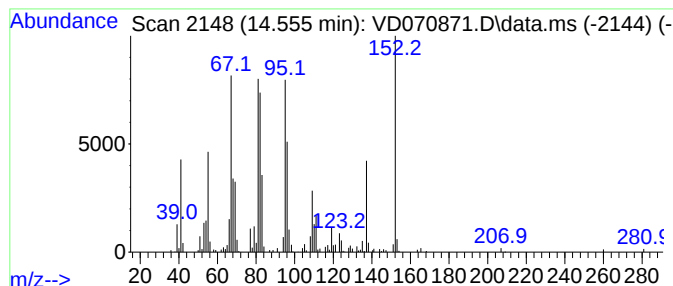
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
Quant Title : SW846 8260

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

Peak Number 3 trans-Decalin, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.555	9.31 ug/l	355739	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	68
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	64
3			Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	60
4			Bicyclo[5.4.0]undecane (trans)	152	C11H20	021394-30-9	49
5			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	49



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Instrument :
MSVOA_D
ClientSampled :
SB-2

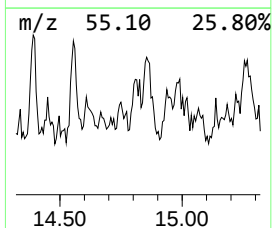
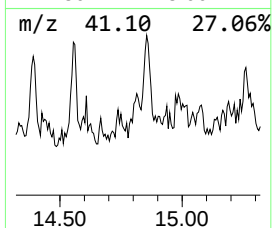
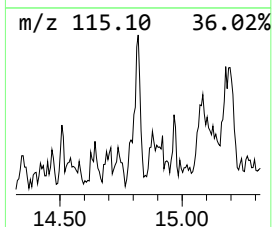
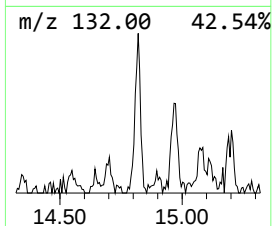
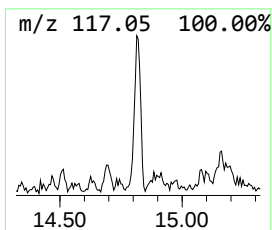
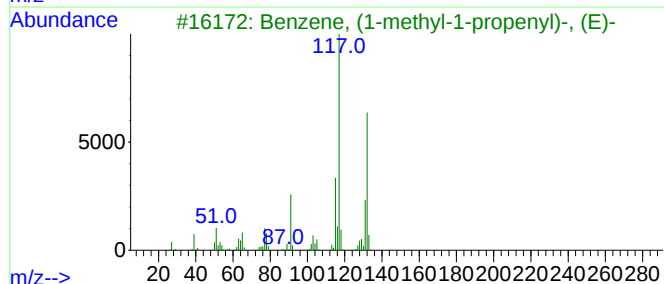
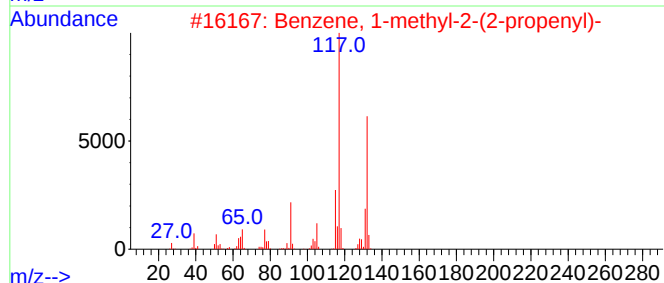
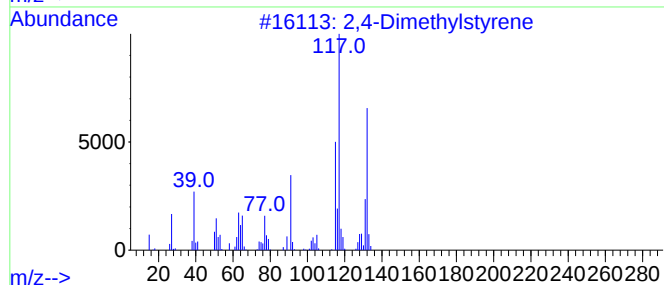
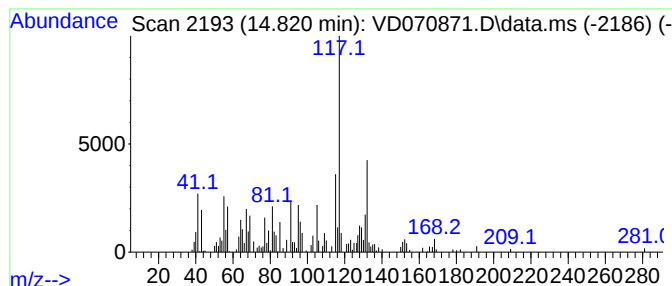
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
Quant Title : SW846 8260

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

Peak Number 4 2,4-Dimethylstyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.820	7.55 ug/l	288395	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
2			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	76
3			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70
4			Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
5			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	70



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ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-2

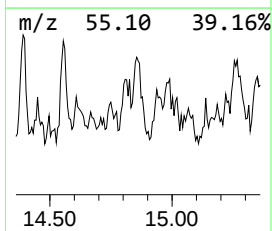
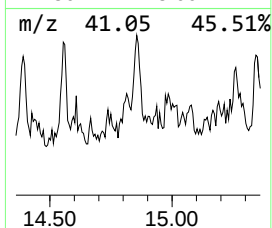
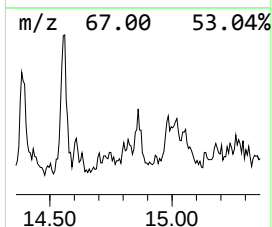
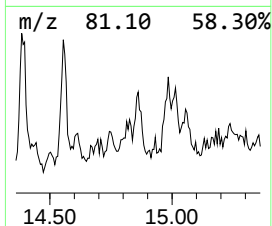
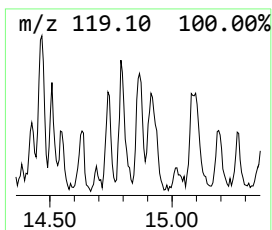
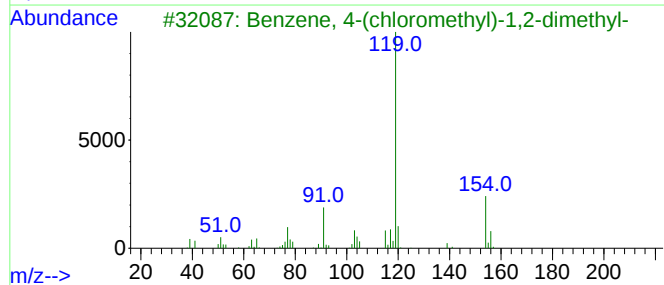
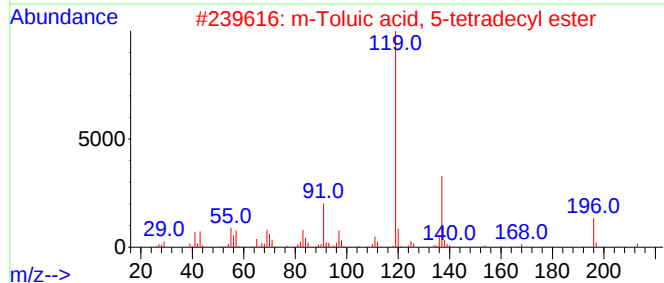
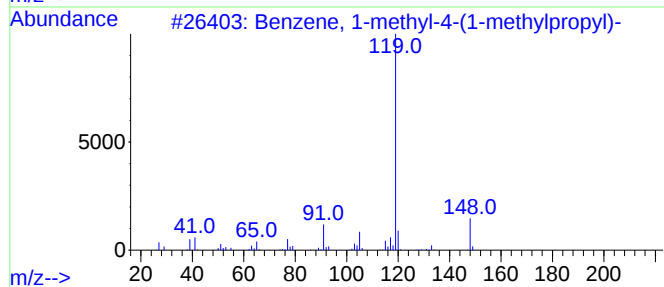
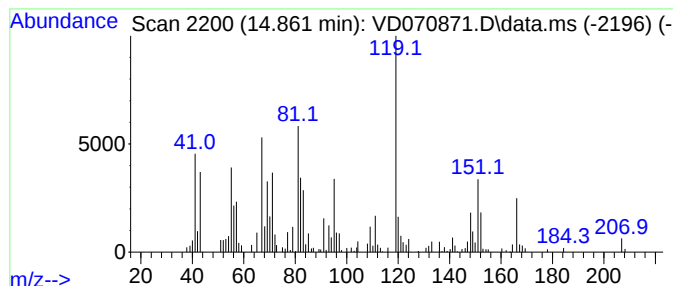
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Quant Title : SW846 8260

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

Peak Number 5 unknown14.861 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.861	7.32 ug/l	279919	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	27
2			m-Toluic acid, 5-tetradecyl ester	332	C22H36O2	1000299-78-5	27
3			Benzene, 4-(chloromethyl)-1,2-di...	154	C9H11Cl	000102-46-5	27
4			m-Toluic acid, oct-3-en-2-yl ester	246	C16H22O2	1000292-61-2	27
5			1,2-Benzenediol, o-(2-chlorobenz...	366	C21H15ClO4	1000325-98-8	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102721\
Data File : VD070871.D
Acq On : 27 Oct 2021 18:38
Operator : VA/SY
Sample : M4372-03
Misc : 5.03G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-2

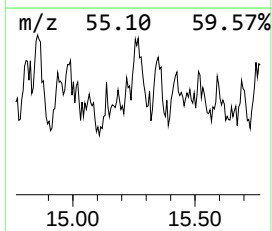
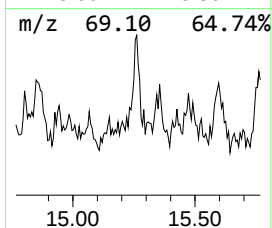
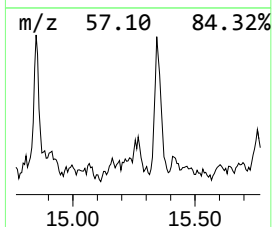
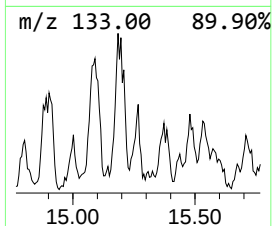
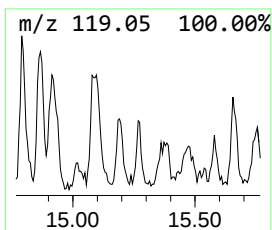
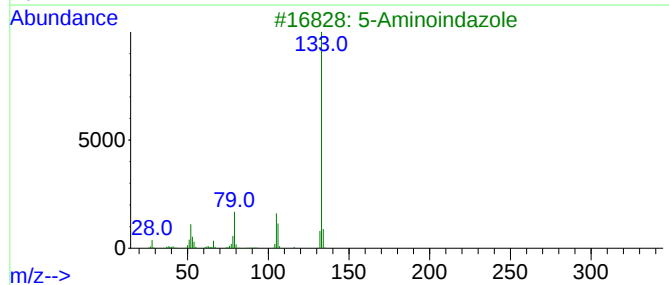
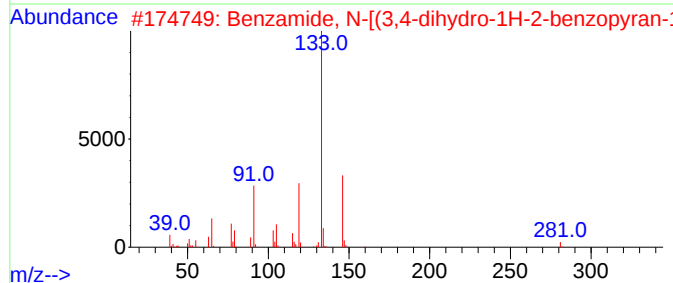
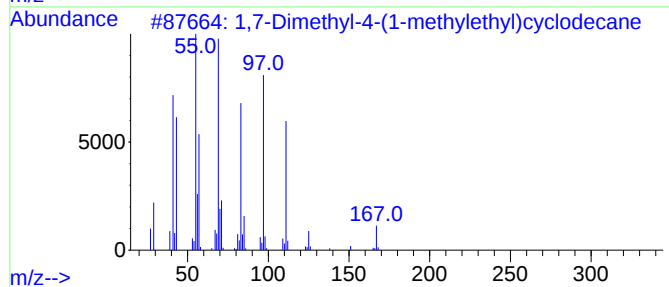
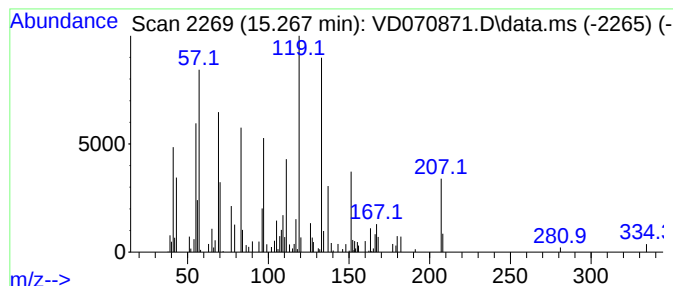
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Quant Title : SW846 8260

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

Peak Number 6 unknown15.267 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.267	6.06 ug/l	231646	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	14
2			Benzamide, N-[(3,4-dihydro-1H-2-...	281	C18H19NO2	1000320-15-7	11
3			5-Aminoindazole	133	C7H7N3	019335-11-6	11
4			t-Butyl cyclohexaneperoxyacetoxy...	200	C11H20O3	020396-49-0	10
5			Adamantan-2-ol, 4-bromo-, cis	230	C10H15BrO	033782-47-7	10



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102721\
Data File : VD070871.D
Acq On : 27 Oct 2021 18:38
Operator : VA/SY
Sample : M4372-03
Misc : 5.03G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :
SB-2

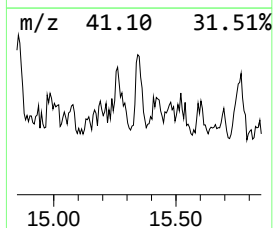
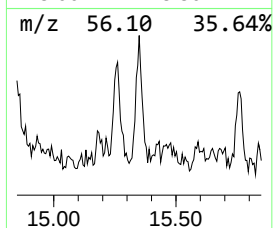
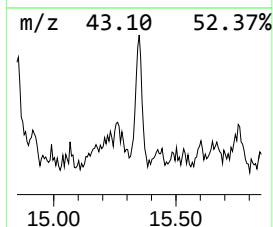
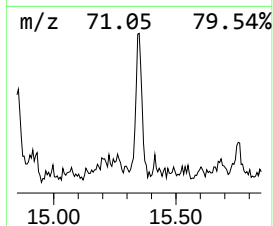
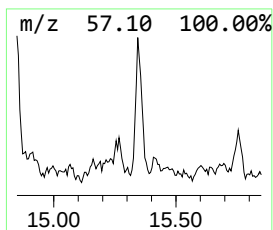
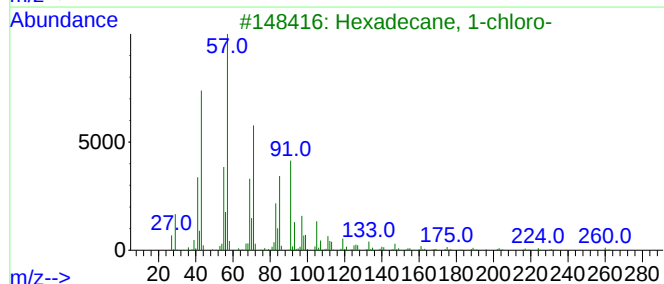
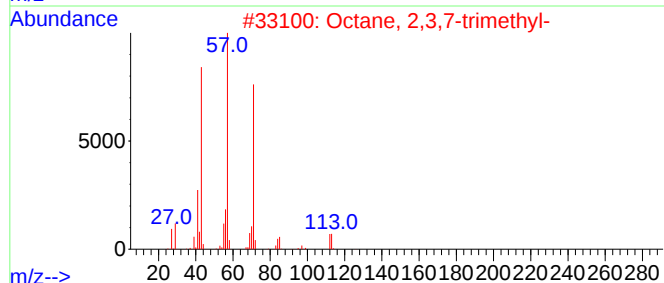
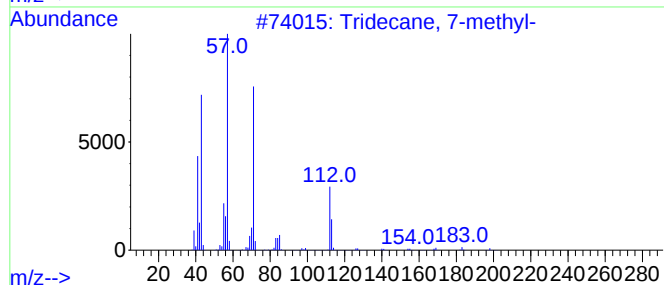
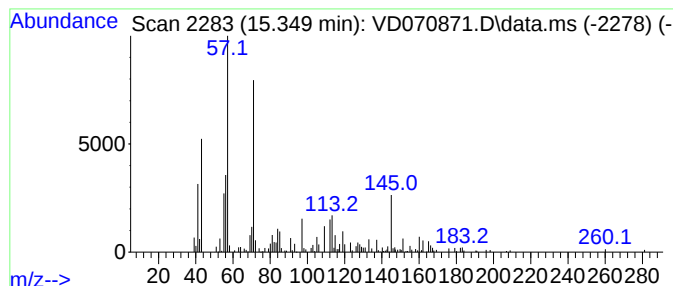
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Quant Title : SW846 8260

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

Peak Number 7 Tridecane, 7-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.349	8.97 ug/l	342829	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 7-methyl-	198	C14H30	026730-14-3	83
2			Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	59
3			Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	58
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58
5			Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102721\
Data File : VD070871.D
Acq On : 27 Oct 2021 18:38
Operator : VA/SY
Sample : M4372-03
Misc : 5.03G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-2

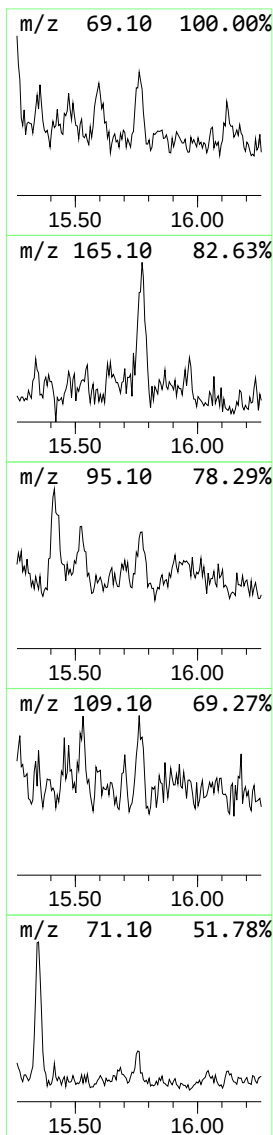
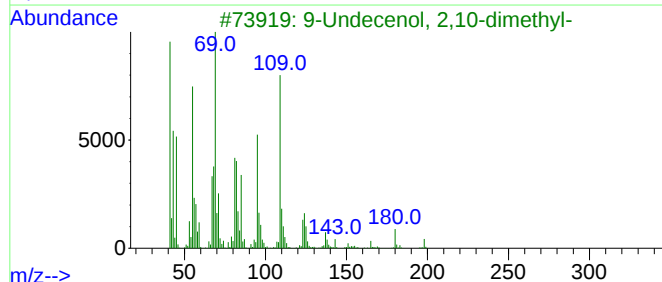
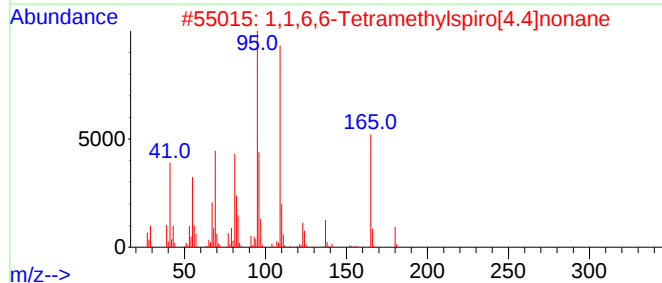
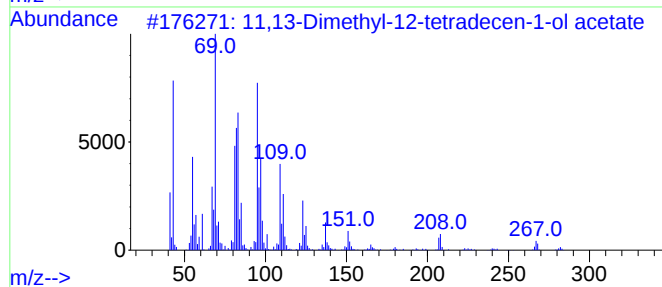
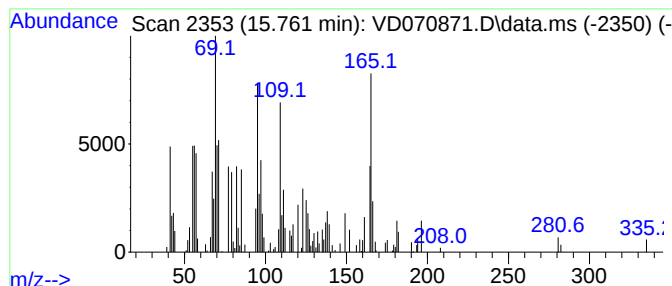
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Quant Title : SW846 8260

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

Peak Number 8 unknown15.761 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.761	5.10 ug/l	194997	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	11,13-Dimethyl-12-tetradecen-1-o...	282	C18H34O2	1000130-81-0	46		
2	1,1,6,6-Tetramethylspiro[4.4]nonane	180	C13H24	074054-92-5	35		
3	9-Undecenol, 2,10-dimethyl-	198	C13H26O	1000131-86-0	35		
4	2,3-Dimethyl-8-oxo-non-2-enal	182	C11H18O2	1000186-82-6	25		
5	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	25		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102721\
Data File : VD070871.D
Acq On : 27 Oct 2021 18:38
Operator : VA/SY
Sample : M4372-03
Misc : 5.03G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-2

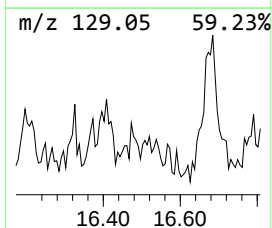
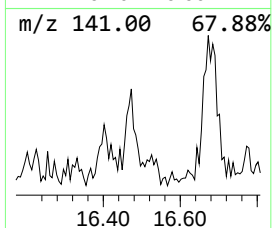
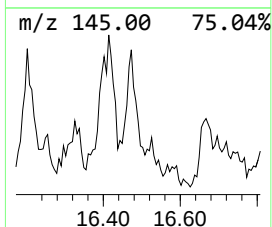
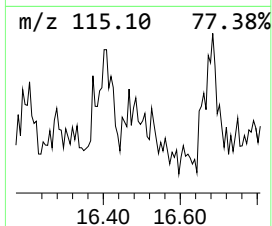
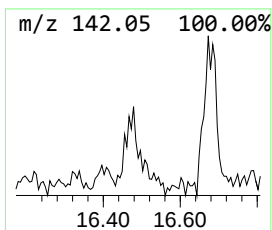
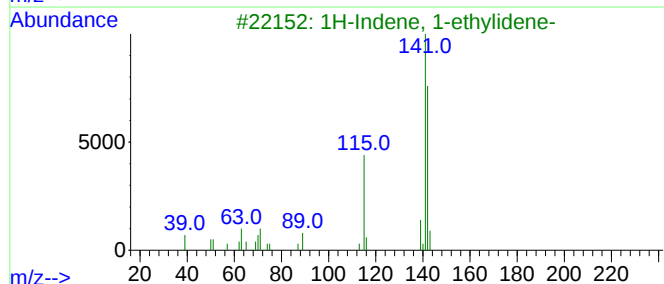
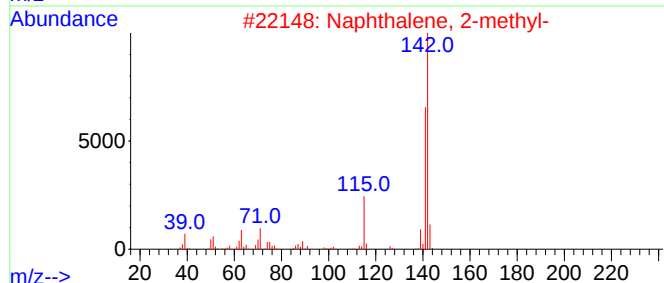
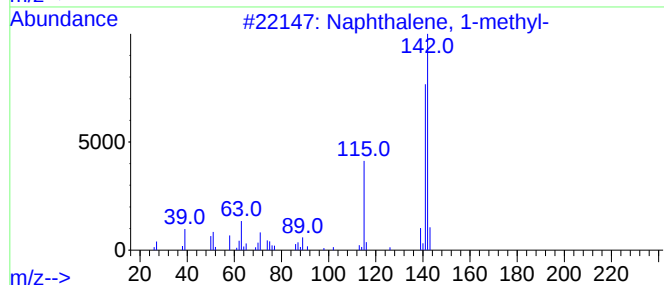
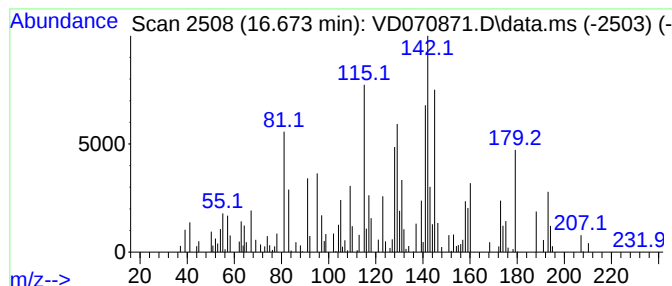
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
Quant Title : SW846 8260

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

Peak Number 9 unknown16.673 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.673	8.46 ug/l	323204	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	38
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	38
3			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	30
4			Benzene, 1-hexynyl-	158	C12H14	001129-65-3	25
5			Benzocycloheptatriene	142	C11H10	000264-09-5	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102721\
Data File : VD070871.D
Acq On : 27 Oct 2021 18:38
Operator : VA/SY
Sample : M4372-03
Misc : 5.03G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.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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Naphthalene, de...	14.390	8.1	ug/l	308891	4	13.561	1910730	50.0
trans-Decalin, ...	14.555	9.3	ug/l	355739	4	13.561	1910730	50.0
2,4-Dimethylsty...	14.820	7.5	ug/l	288395	4	13.561	1910730	50.0
unknown14.861	14.861	7.3	ug/l	279919	4	13.561	1910730	50.0
unknown15.267	15.267	6.1	ug/l	231646	4	13.561	1910730	50.0
Tridecane, 7-me...	15.349	9.0	ug/l	342829	4	13.561	1910730	50.0
unknown15.761	15.761	5.1	ug/l	194997	4	13.561	1910730	50.0
unknown16.673	16.673	8.5	ug/l	323204	4	13.561	1910730	50.0