

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101121\
 Data File : VD070656.D
 Acq On : 11 Oct 2021 13:19
 Operator : VA/SY
 Sample : M4136-01
 Misc : 5.94G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PSC124055

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\82D100521S.M
 Title : SW846 8260

Signal : TIC: VD070656.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.961	507	517	529	rBV3	29548	95861	3.84%	0.493%
2	7.914	1009	1019	1024	rBV	341722	810498	32.44%	4.167%
3	7.979	1024	1030	1041	rVB	591537	1314371	52.60%	6.757%
4	8.326	1079	1089	1101	rBV	289991	673873	26.97%	3.464%
5	8.861	1170	1180	1190	rBV	910136	1784473	71.42%	9.174%
6	9.355	1257	1264	1275	rVB7	10385	26555	1.06%	0.137%
7	10.337	1422	1431	1440	rBV	1406470	2498654	100.00%	12.845%
8	11.637	1644	1652	1663	rBV	1204270	2049843	82.04%	10.538%
9	11.843	1681	1687	1695	rBV3	17294	33620	1.35%	0.173%
10	12.478	1788	1795	1802	rBV	197286	352479	14.11%	1.812%
11	12.625	1811	1820	1828	rBV	867709	1459342	58.41%	7.502%
12	12.949	1870	1875	1881	rBV2	29782	45350	1.81%	0.233%
13	13.031	1885	1889	1898	rVB2	21024	38737	1.55%	0.199%
14	13.255	1923	1927	1934	rVB3	43279	67441	2.70%	0.347%
15	13.455	1957	1961	1966	rVV6	15332	38193	1.53%	0.196%
16	13.502	1966	1969	1973	rVV2	21588	35103	1.40%	0.180%
17	13.561	1973	1979	1992	rVB	1078833	1806521	72.30%	9.287%
18	13.767	2007	2014	2023	rBV	358562	623272	24.94%	3.204%
19	14.102	2064	2071	2077	rVB2	36898	68293	2.73%	0.351%
20	14.214	2083	2090	2097	rBV3	33644	60297	2.41%	0.310%
21	14.425	2116	2126	2129	rBV3	28079	54005	2.16%	0.278%
22	14.467	2129	2133	2137	rVV2	30822	50369	2.02%	0.259%
23	14.696	2167	2172	2177	rBV	52559	83527	3.34%	0.429%
24	14.819	2185	2193	2198	rBV2	102020	211088	8.45%	1.085%
25	14.884	2198	2204	2211	rVB6	23571	45271	1.81%	0.233%
26	14.967	2211	2218	2223	rBV3	33300	60386	2.42%	0.310%
27	15.084	2233	2238	2243	rVV6	23180	51270	2.05%	0.264%
28	15.155	2245	2250	2253	rVV6	13057	29671	1.19%	0.153%
29	15.190	2253	2256	2262	rVB6	17218	32546	1.30%	0.167%
30	15.384	2279	2289	2297	rBV	747769	1300323	52.04%	6.685%
31	15.484	2300	2306	2311	rBV5	43364	94008	3.76%	0.483%
32	15.672	2332	2338	2346	rBV2	26906	56101	2.25%	0.288%
33	15.861	2361	2370	2376	rVB6	19157	55522	2.22%	0.285%
34	16.055	2398	2403	2409	rVB4	18606	41605	1.67%	0.214%
35	16.419	2452	2465	2467	rBV7	29603	92152	3.69%	0.474%
36	16.478	2467	2475	2486	rVV	635796	1370653	54.86%	7.046%

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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	16.614	2489	2498	2500	rVV7	12995	30275	1.21%	0.156%
38	16.678	2500	2509	2521	rVB	868560	1910121	76.45%	9.820%

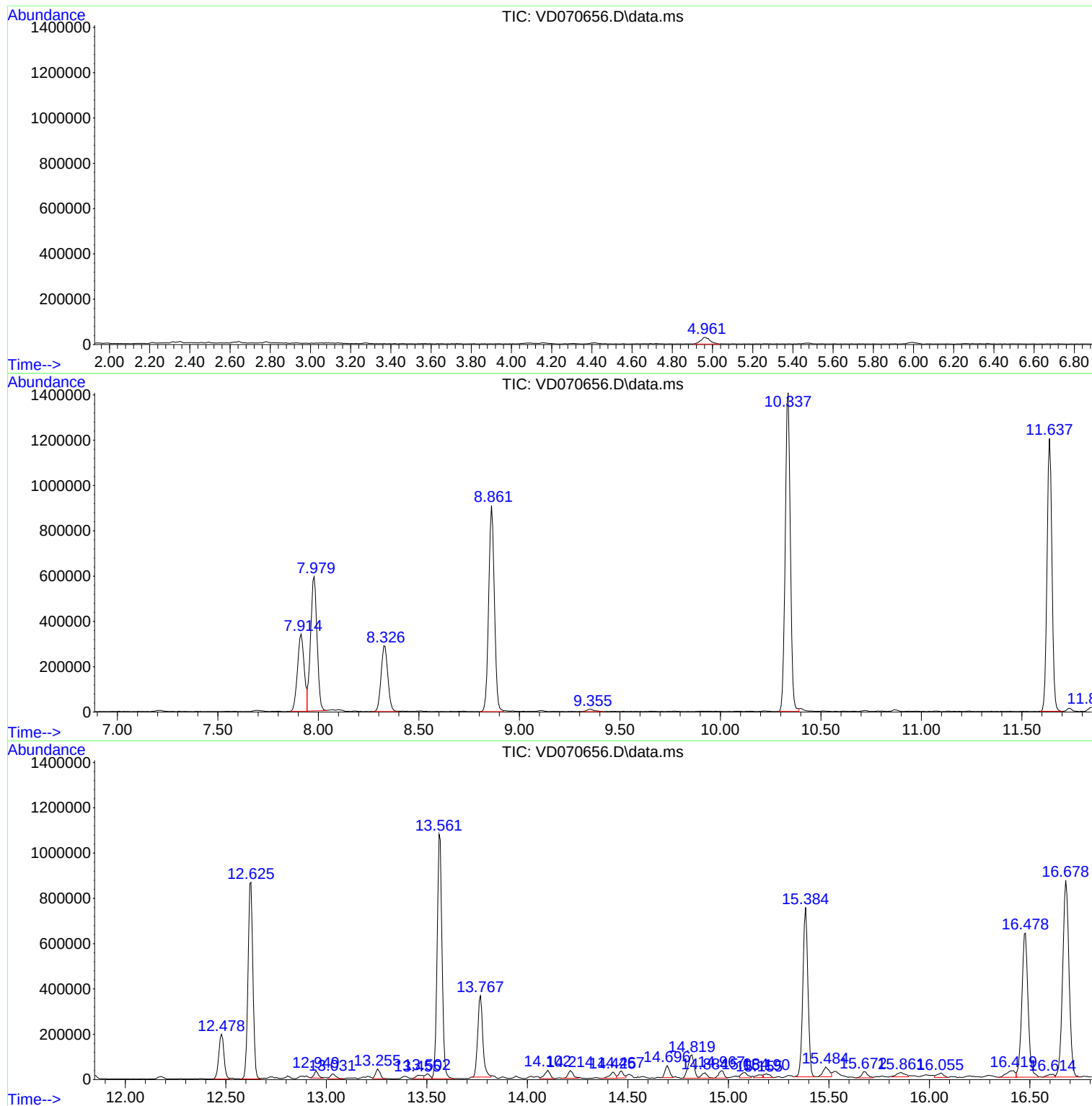
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260

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



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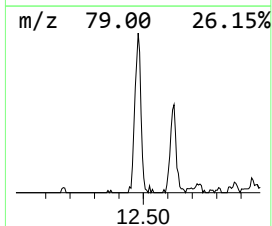
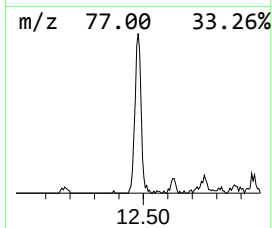
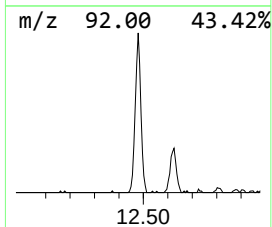
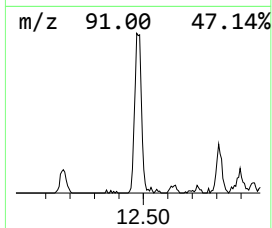
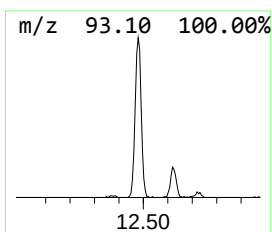
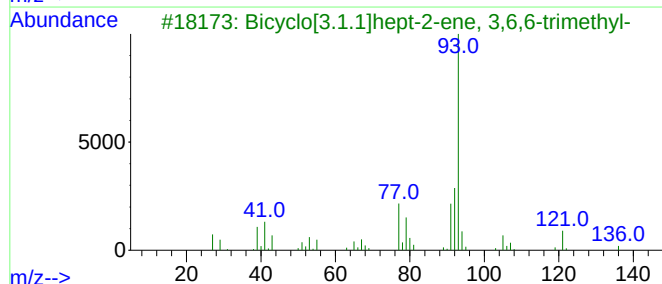
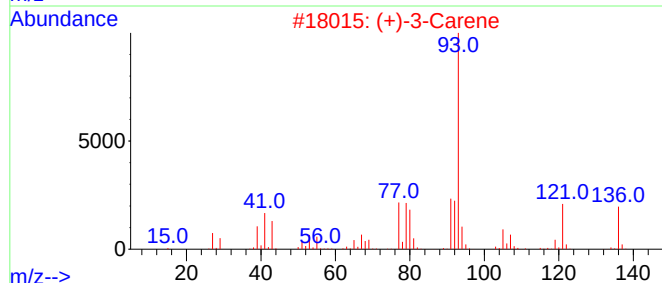
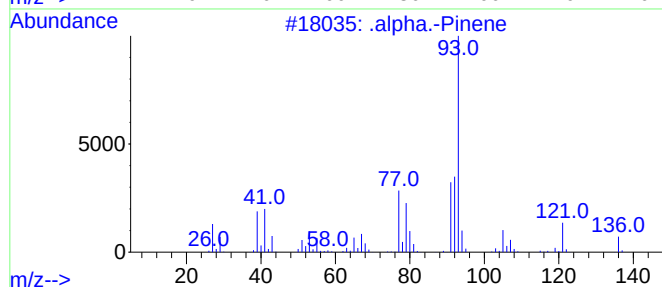
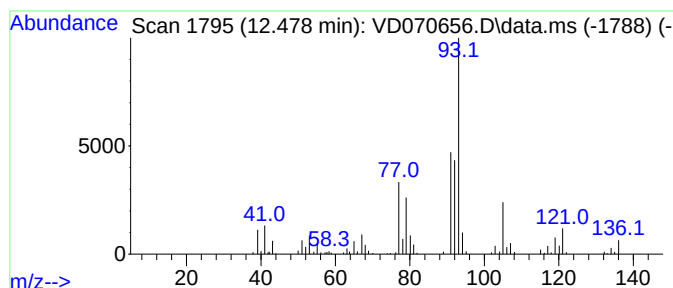
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260

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

Peak Number 1 .alpha.-Pinene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.478	8.60 ug/l	352479	Chlorobenzene-d5	11.637

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.		.alpha.-Pinene	136	C10H16	000080-56-8	90
2	(+)		-3-Carene	136	C10H16	000498-15-7	72
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...			136	C10H16	004889-83-2	64
4	1,3,6-Octatriene, 3,7-dimethyl-,...			136	C10H16	003338-55-4	58
5	Bicyclo[3.1.0]hexane, 4-methylen...			136	C10H16	003387-41-5	58



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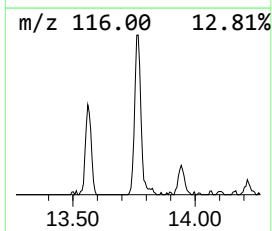
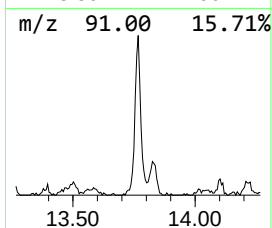
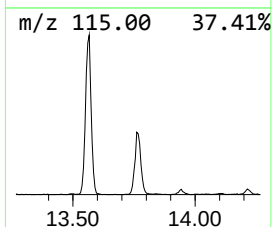
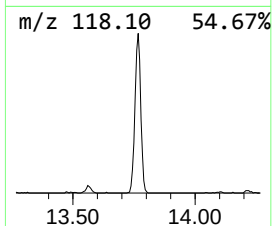
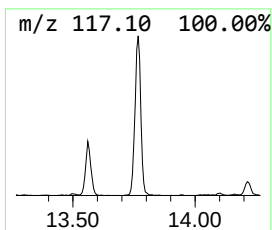
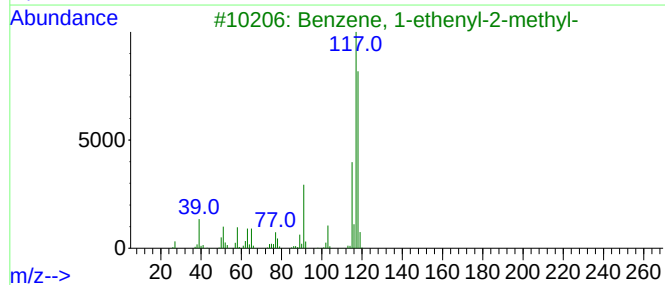
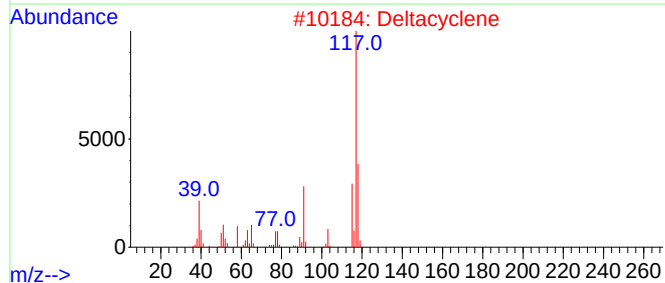
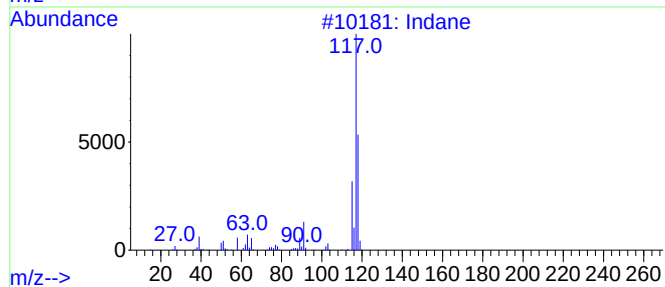
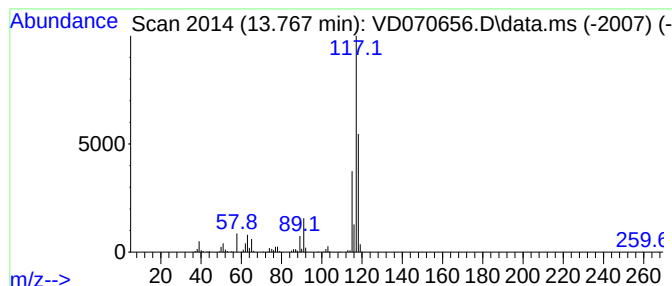
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260

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

Peak Number 2 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.767	17.25 ug/l	623272	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	87
2			Deltacyclene	118	C9H10	007785-10-6	72
3			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
4			Benzene, cyclopropyl-	118	C9H10	000873-49-4	59
5			Benzene, 2-propenyl-	118	C9H10	000300-57-2	59



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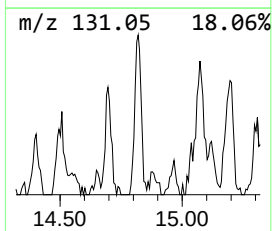
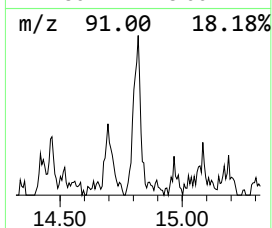
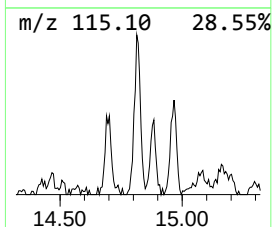
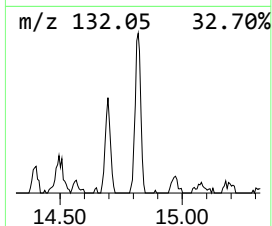
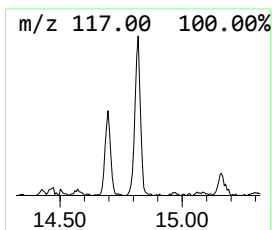
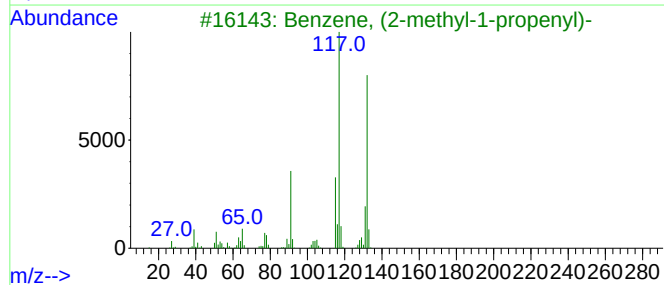
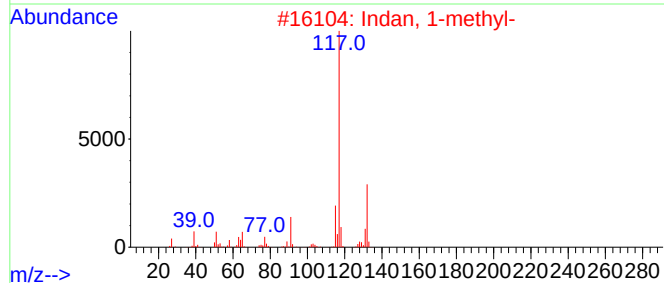
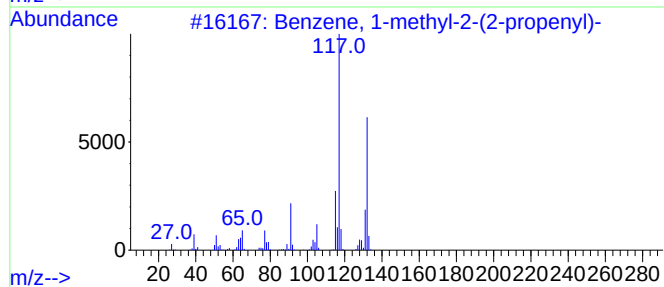
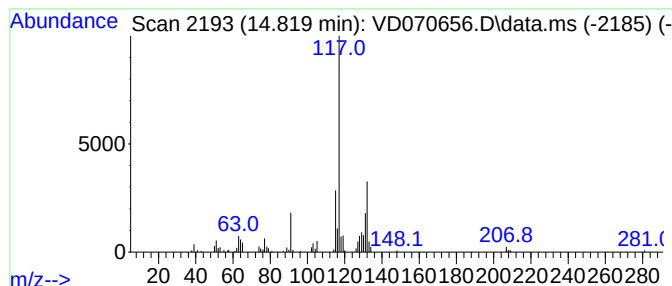
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260

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

Peak Number 3 Benzene, 1-methyl-2-(2-prop... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.820	5.84 ug/l	211088	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
2			Indan, 1-methyl-	132	C10H12	000767-58-8	83
3			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	80
4			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	80
5			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	74



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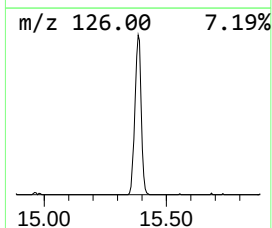
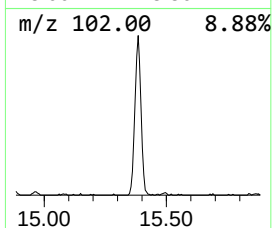
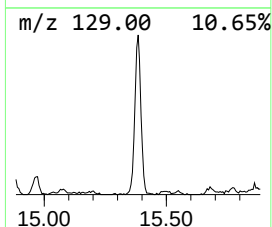
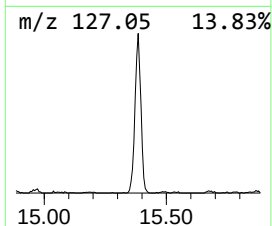
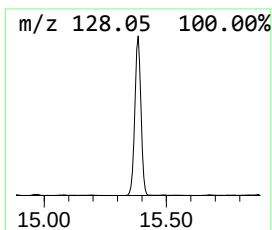
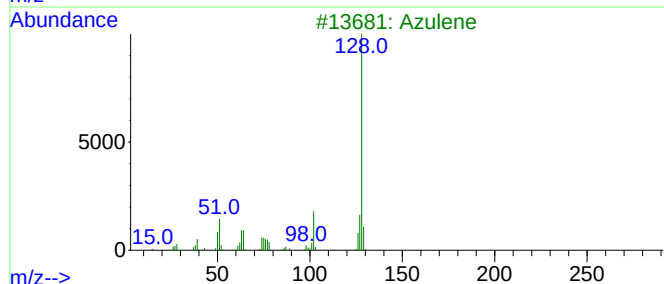
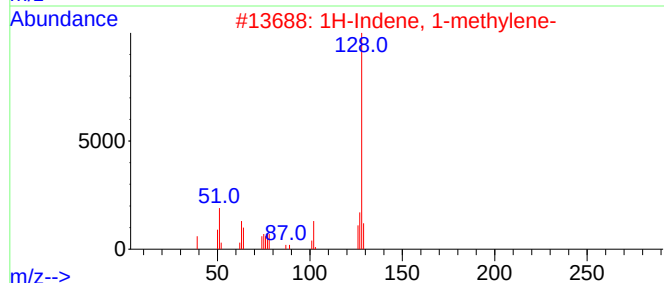
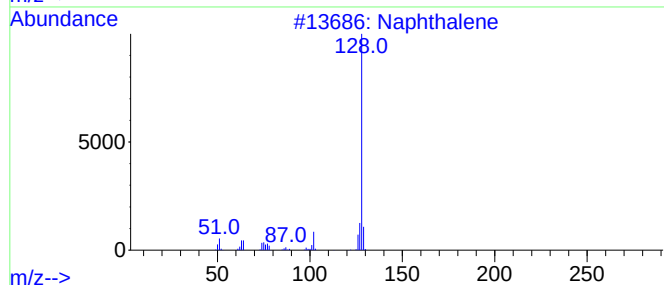
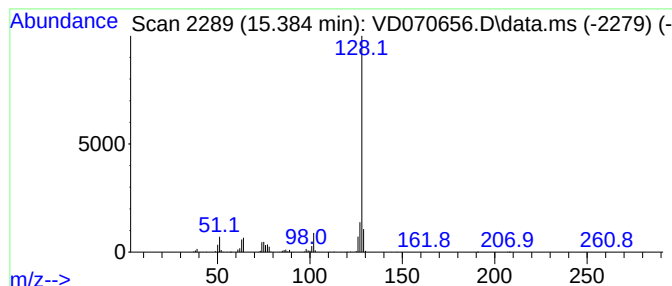
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Azulene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.384	35.99 ug/l	1300320	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			1H-Indene, 1-methylene-	128	C10H8	002471-84-3	95
3			Azulene	128	C10H8	000275-51-4	94
4			4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	64
5			4-Phenylbut-3-ene-1-yne	128	C10H8	1000222-12-0	50



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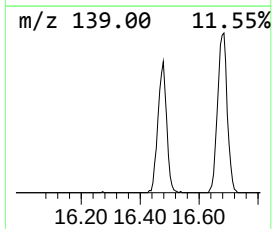
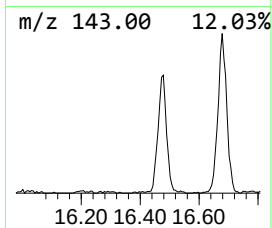
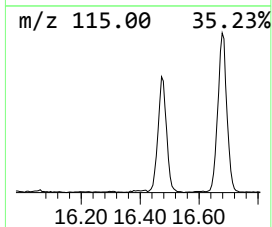
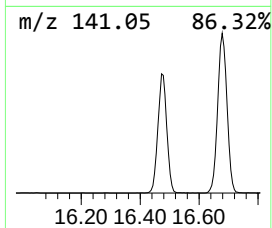
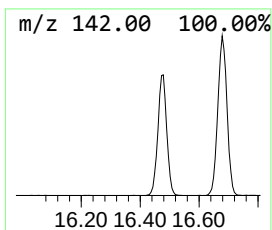
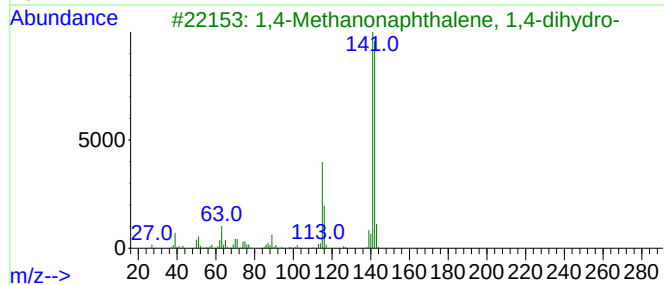
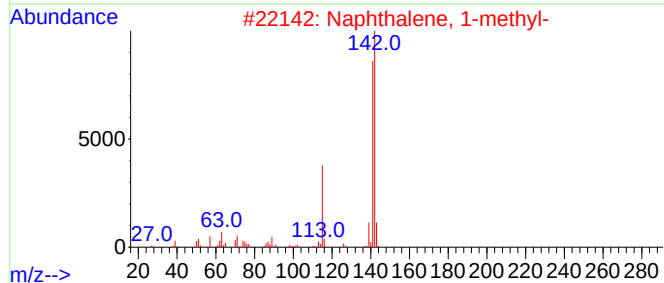
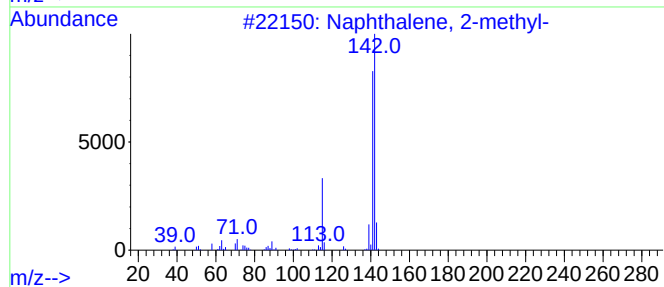
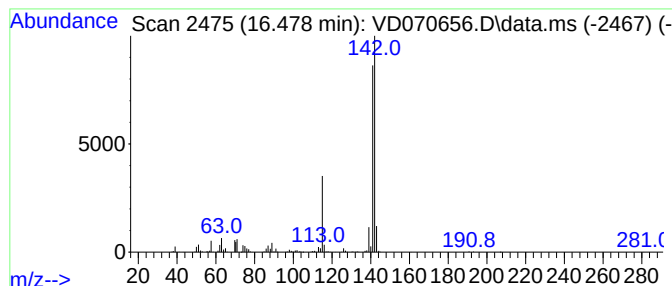
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Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

Peak Number 5 1,4-Methanonaphthalene, 1,4... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.478	37.94 ug/l	1370650	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
4			Benzocycloheptatriene	142	C11H10	000264-09-5	90
5			Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101121\
Data File : VD070656.D
Acq On : 11 Oct 2021 13:19
Operator : VA/SY
Sample : M4136-01
Misc : 5.94G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
PSC124055

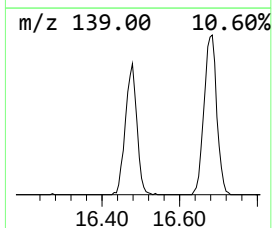
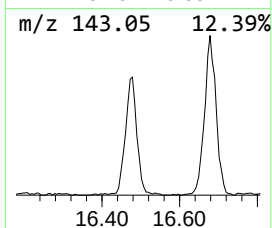
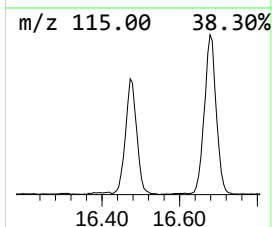
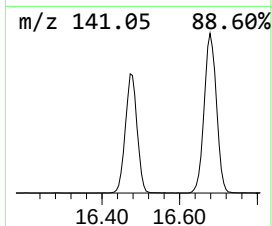
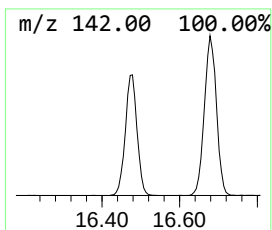
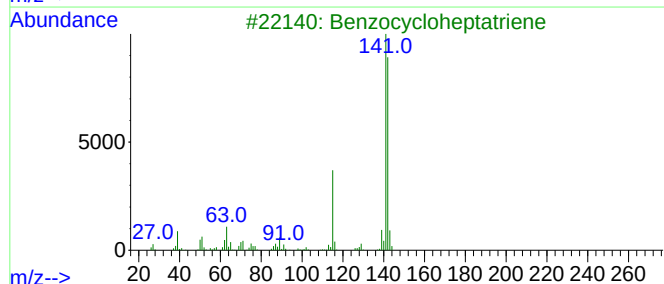
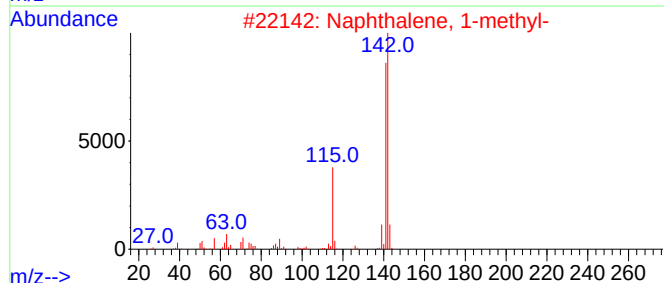
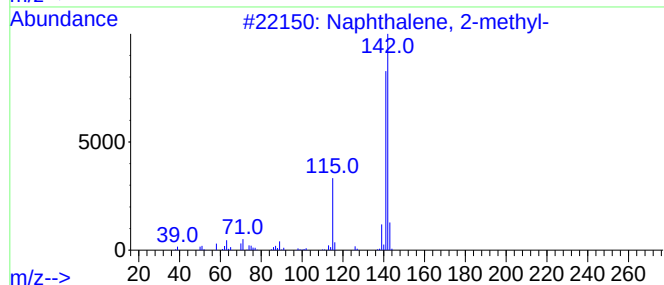
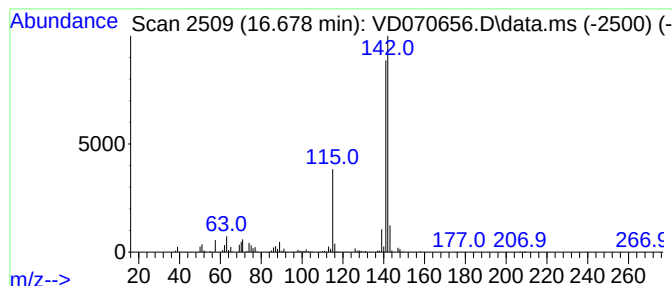
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Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.678	52.87 ug/l	1910120	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			Benzocycloheptatriene	142	C11H10	000264-09-5	91
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5			1-Naphthaleneacetamide	185	C12H11NO	000086-86-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101121\
Data File : VD070656.D
Acq On : 11 Oct 2021 13:19
Operator : VA/SY
Sample : M4136-01
Misc : 5.94G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
PSC124055

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.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
.alpha.-Pinene	12.478	8.6	ug/l	352479	3	11.637	2049840	50.0
Indane	13.767	17.3	ug/l	623272	4	13.561	1806520	50.0
Benzene, 1-meth...	14.820	5.8	ug/l	211088	4	13.561	1806520	50.0
Azulene	15.384	36.0	ug/l	1300320	4	13.561	1806520	50.0
1,4-Methanonaph...	16.478	37.9	ug/l	1370650	4	13.561	1806520	50.0
Naphthalene, 1-...	16.678	52.9	ug/l	1910120	4	13.561	1806520	50.0