LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071224\
Data File : VX042300.D
Acq On : 12 Jul 2024 14:16
Operator : JC/MD
Sample : P3219-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240710079-02

Integration Parameters: RTEINT3.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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_X\Method\624X061424W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VX042300.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.557	72	77	79	rBV2	3837	6042	1.10%	0.118%
2	2.136	166	172	180	rBV	40246	58908	10.69%	1.152%
3	2.392	206	214	223	rBV2	28652	50831	9.22%	0.994%
4	2.556	236	241	252	rVB2	6342	16766	3.04%	0.328%
5	2.977	297	310	326	rBV	101602	258363	46.88%	5.051%
6	3.111	328	332	344	rVB5	3815	10758	1.95%	0.210%
7	4.593	561	575	605	rBV	144501	515836	93.60%	10.086%
8	4.898	616	625	634	rBV2	46746	146085	26.51%	2.856%
9	5.007	634	643	667	rVB	174418	551131	100.00%	10.776%
10	5.952	789	798	806	rBV	55129	144450	26.21%	2.824%
11	6.038	807	812	823	rVB2	10433	28772	5.22%	0.563%
12	6.257	839	848	855	rBV3	4941	13976	2.54%	0.273%
13	6.367	856	866	877	rVB8	4783	17676	3.21%	0.346%
14	6.757	921	930	944	rBV	126579	307587	55.81%	6.014%
15	7.665	1073	1079	1095	rBV2	9012	26479	4.80%	0.518%
16	7.903	1112	1118	1125	rBV3	7614	14903	2.70%	0.291%
17	8.549	1221	1224	1234	rVB2	4574	8579	1.56%	0.168%
18	8.647	1234	1240	1247	rBV	258778	401562	72.86%	7.851%
19	8.720	1247	1252	1261	rVB3	13583	27855	5.05%	0.545%
20	8.805	1261	1266	1272	rBV	12455	21486	3.90%	0.420%
21	9.244	1330	1338	1343	rBV	6760	11150	2.02%	0.218%
22	9.378	1353	1360	1369	rBV	16397	25912	4.70%	0.507%
23	9.494	1374	1379	1385	rVV	15700	26775	4.86%	0.524%
24	9.561	1385	1390	1398	rVB5	4748	9819	1.78%	0.192%
25	9.793	1423	1428	1436	rVB5	3927	6683	1.21%	0.131%
26	9.945	1448	1453	1461	rBV	6959	10280	1.87%	0.201%
27	10.055	1461	1471	1484	rBV2	261343	529764	96.12%	10.358%
28	10.195	1489	1494	1506	rVV	86480	134342	24.38%	2.627%
29	10.299	1506	1511	1519	rVV2	37921	61988	11.25%	1.212%
30	10.372	1519	1523	1532	rVB	5851	9749	1.77%	0.191%
31	10.640	1563	1567	1574	rBV	41968	59782	10.85%	1.169%
32	10.963	1614	1620	1626	rVB	24403	34702	6.30%	0.678%
33	11.079	1634	1639	1646	rBV	211572	283228	51.39%	5.538%
34	11.140	1646	1649	1651	rVV4	4341	7220	1.31%	0.141%
35	11.171	1651	1654	1661	rVB4	6869	10449	1.90%	0.204%
36	11.305	1668	1676	1683	rBV2	16397	27633	5.01%	0.540%

LSC Area Percent Report

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Operator : JC/MD
Sample : P3219-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240710079-02

Integration Parameters: RTEINT3.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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_X\Method\624X061424W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

37	11.378	1683	1688	1695	rVB2	8813	19143	3.47%	0.374%
38	11.457	1695	1701	1706	rVB3	6058	10907	1.98%	0.213%
39	11.567	1715	1719	1722	rBV2	4738	6608	1.20%	0.129%
40	11.610	1722	1726	1735	rVB	32528	46148	8.37%	0.902%
41	11.750	1739	1749	1754	rBV	32801	46097	8.36%	0.901%
42	11.884	1763	1771	1780	rVB2	25724	38454	6.98%	0.752%
43	12.006	1787	1791	1793	rBV3	13359	20021	3.63%	0.391%
44	12.043	1793	1797	1801	rVV	107342	134593	24.42%	2.632%
45	12.085	1801	1804	1810	rVV	19302	29066	5.27%	0.568%
46	12.244	1822	1830	1834	rBV	72968	98322	17.84%	1.922%
47	12.335	1839	1845	1853	rVB4	11719	23416	4.25%	0.458%
48	12.414	1853	1858	1863	rBV4	10356	19409	3.52%	0.379%
49	12.469	1863	1867	1872	rVB2	2552	5535	1.00%	0.108%
50	12.536	1873	1878	1887	rVB2	7432	18518	3.36%	0.362%
51	12.616	1887	1891	1894	rVB	12960	15387	2.79%	0.301%
52	12.670	1894	1900	1902	rBV3	5692	9102	1.65%	0.178%
53	12.701	1902	1905	1912	rVB2	7540	11931	2.16%	0.233%
54	12.762	1912	1915	1921	rVB2	7684	11307	2.05%	0.221%
55	12.841	1921	1928	1931	rBV9	4091	9514	1.73%	0.186%
56	12.902	1931	1938	1944	rBV2	75739	119155	21.62%	2.330%
57	12.963	1944	1948	1952	rVB2	10862	15280	2.77%	0.299%
58	13.170	1977	1982	1986	rVB2	6217	10076	1.83%	0.197%
59	13.231	1986	1992	1995	rVB6	4330	6535	1.19%	0.128%
60	13.286	1996	2001	2005	rBV2	34559	45412	8.24%	0.888%
61	13.335	2005	2009	2013	rBV3	6983	8421	1.53%	0.165%
62	13.420	2019	2023	2027	rBV2	16268	21957	3.98%	0.429%
63	13.469	2027	2031	2034	rVV	38397	52798	9.58%	1.032%
64	13.512	2034	2038	2046	rVV	48370	72344	13.13%	1.414%
65	13.585	2046	2050	2054	rVV4	8680	13438	2.44%	0.263%
66	13.628	2054	2057	2060	rVV4	4111	5782	1.05%	0.113%
67	13.664	2060	2063	2069	rVB5	3580	6386	1.16%	0.125%
68	13.774	2076	2081	2089	rVB	124291	155964	28.30%	3.049%
69	13.865	2089	2096	2101	rVV	7177	14100	2.56%	0.276%
70	13.926	2101	2106	2113	rVV7	10195	23286	4.23%	0.455%
71	13.975	2113	2114	2127	rVB6	3880	6293	1.14%	0.123%
72	14.097	2127	2134	2136	rBV6	4709	7057	1.28%	0.138%
73	14.134	2137	2140	2145	rVV3	3290	5599	1.02%	0.109%
74	14.231	2149	2156	2165	rVB6	5016	10133	1.84%	0.198%
75	14.640	2219	2223	2225	rVV3	11296	17853	3.24%	0.349%
76	14.664	2225	2227	2234	rVB2	13465	15987	2.90%	0.313%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071224\
Data File : VX042300.D
Acq On : 12 Jul 2024 14:16
Operator : JC/MD
Sample : P3219-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240710079-02

Integration Parameters: RTEINT3.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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_X\Method\624X061424W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

77	14.780	2241	2246	2254	rVB2	21283	29739	5.40%	0.581%

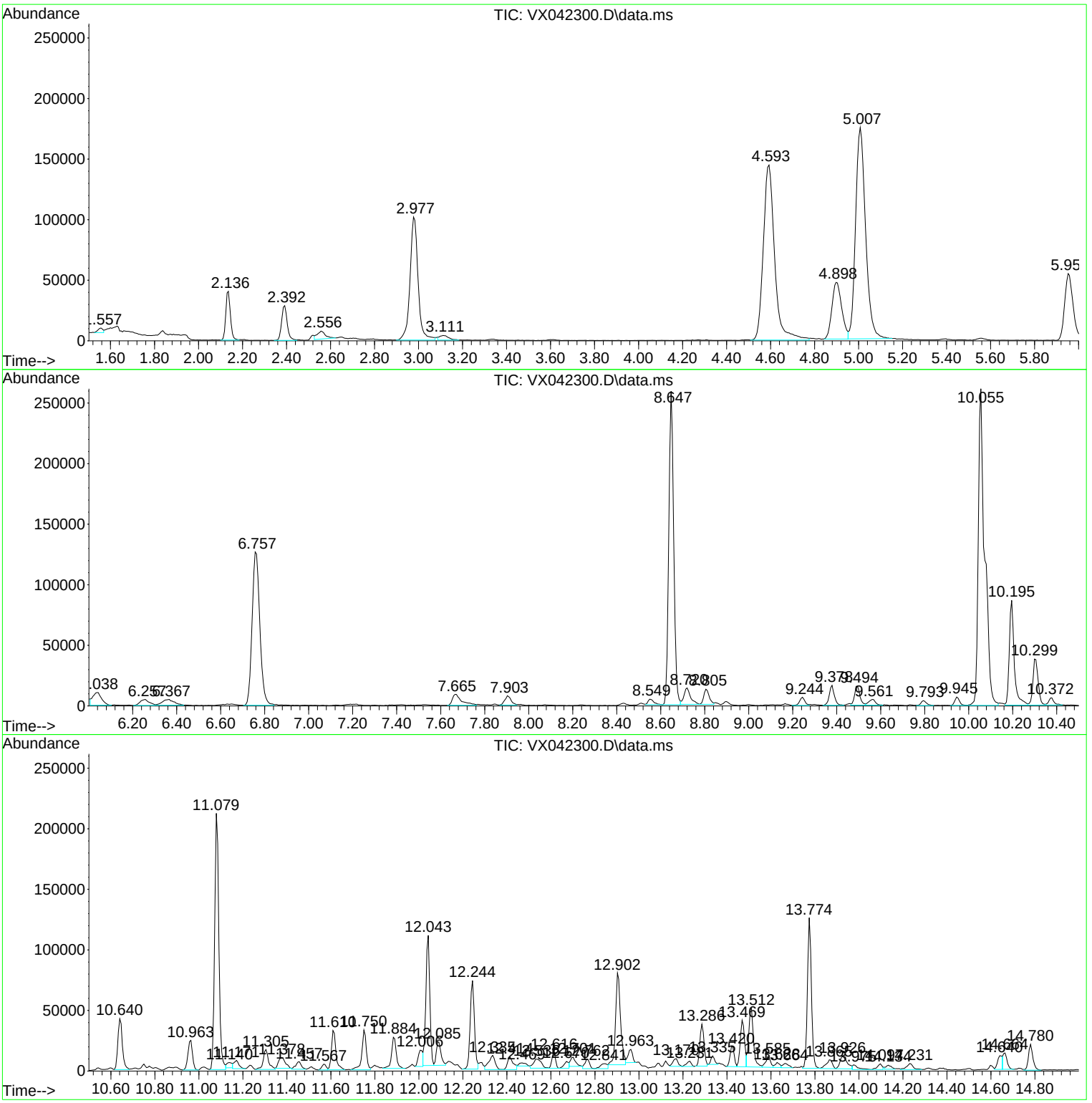
Sum of corrected areas: 5114594

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071224\
Data File : VX042300.D
Acq On : 12 Jul 2024 14:16
Operator : JC/MD
Sample : P3219-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240710079-02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071224\
Data File : VX042300.D
Acq On : 12 Jul 2024 14:16
Operator : JC/MD
Sample : P3219-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240710079-02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

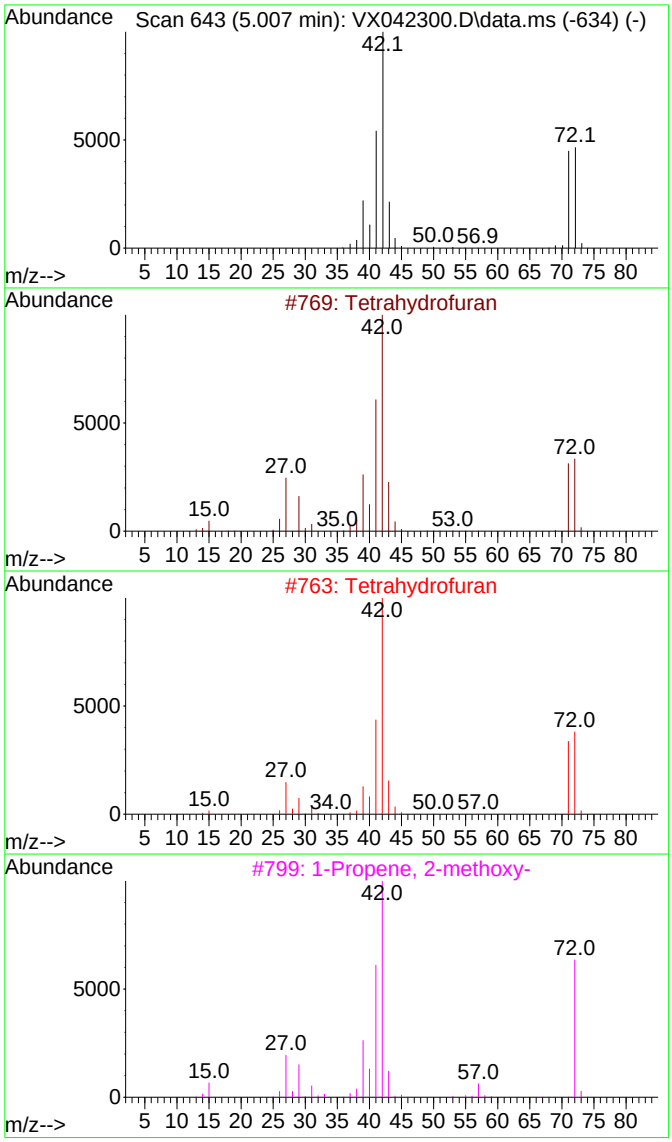
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

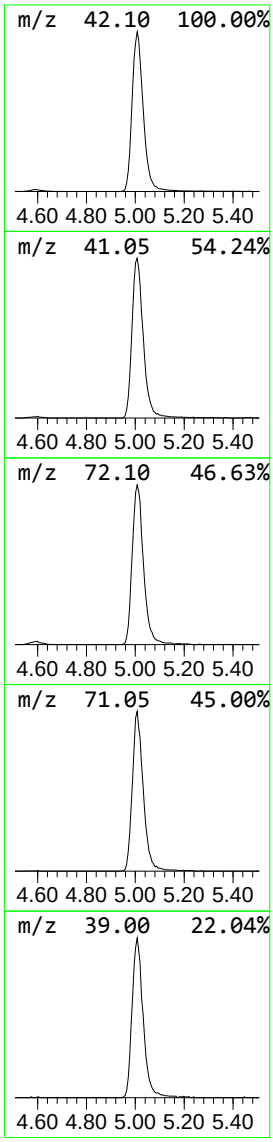
****

Peak Number 3 Tetrahydrofuran Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.007	113.18 ug/l	551131	Bromochloromethane	4.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrahydrofuran	72	C4H8O	000109-99-9	91
2	Tetrahydrofuran	72	C4H8O	000109-99-9	90
3	1-Propene, 2-methoxy-	72	C4H8O	000116-11-0	58
4	Isobutylene epoxide	72	C4H8O	000558-30-5	42
5	1-Propene, 2-methoxy-	72	C4H8O	000116-11-0	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071224\
Data File : VX042300.D
Acq On : 12 Jul 2024 14:16
Operator : JC/MD
Sample : P3219-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240710079-02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

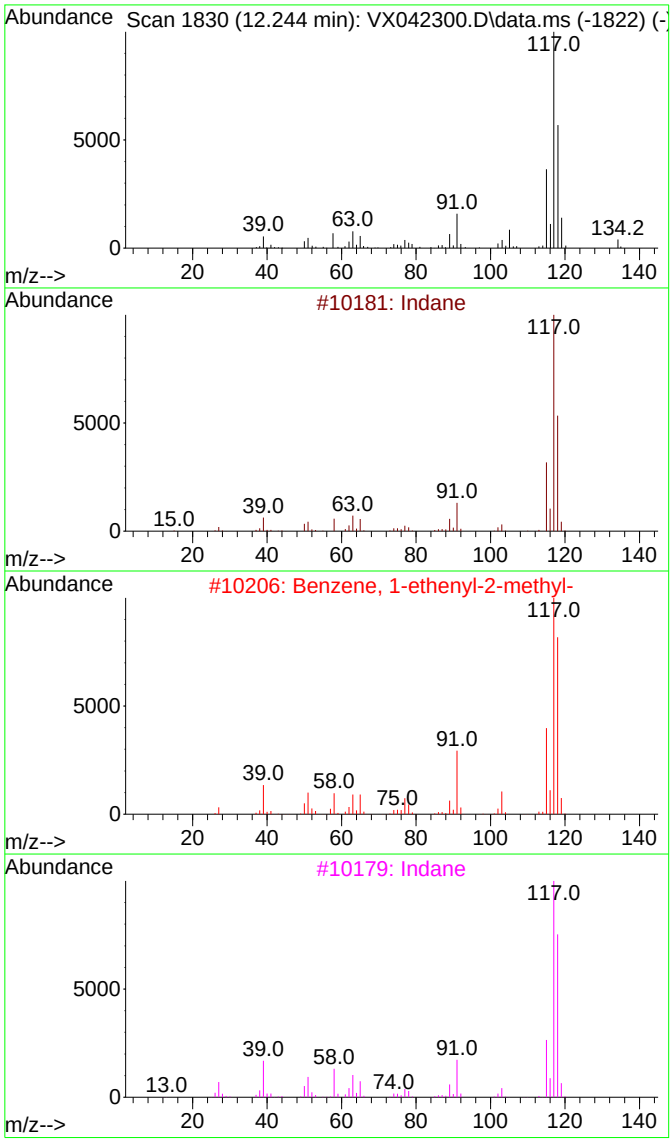
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

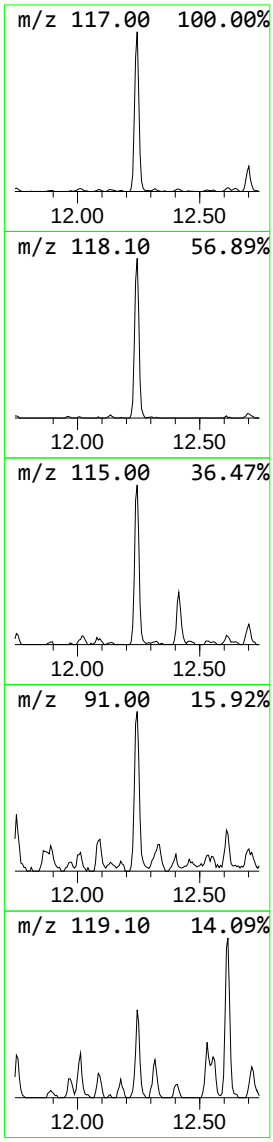
****

Peak Number 4 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	5.57 ug/l	98322	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81
3	Indane	118	C9H10	000496-11-7	81
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071224\
Data File : VX042300.D
Acq On : 12 Jul 2024 14:16
Operator : JC/MD
Sample : P3219-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240710079-02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

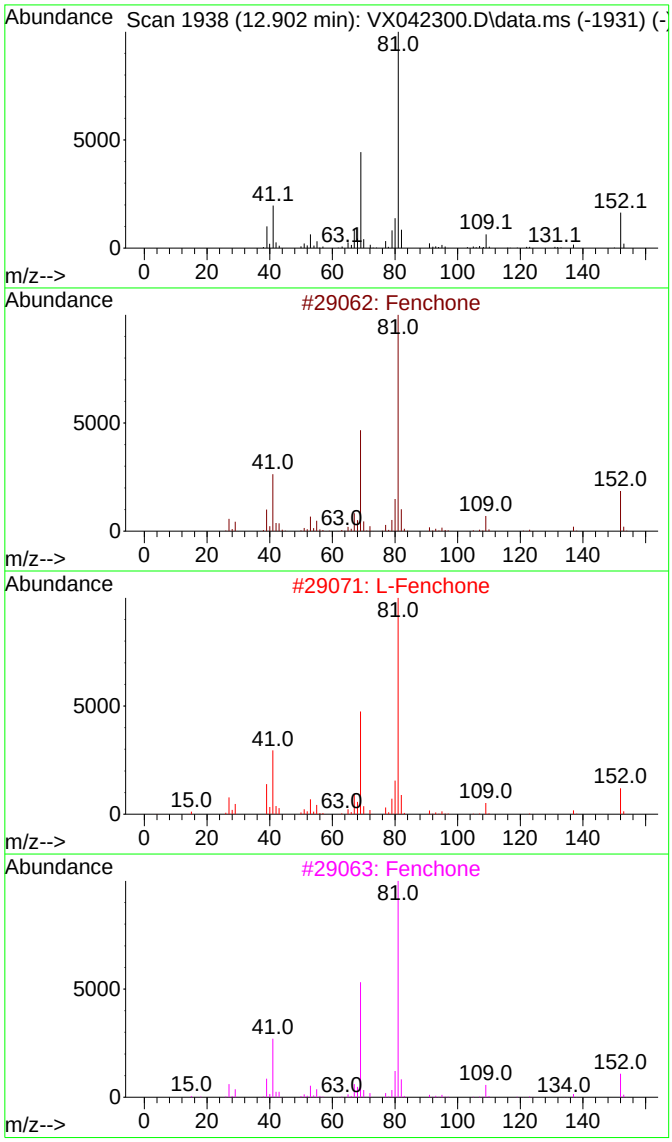
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

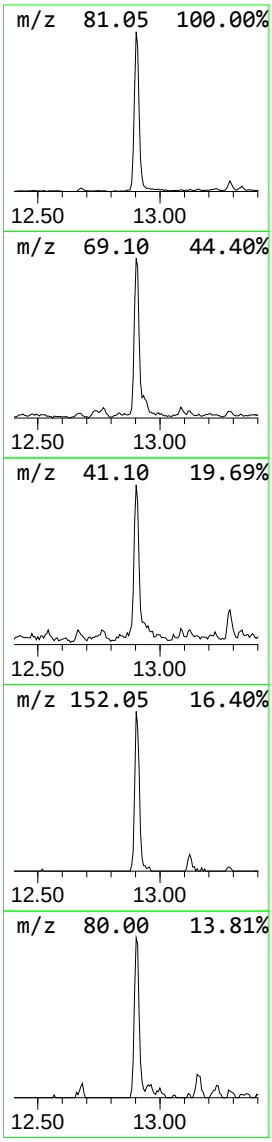
****

Peak Number 5 Fenchone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.902	6.75 ug/l	119155	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fenchone	152	C10H16O	001195-79-5	94
2	L-Fenchone	152	C10H16O	007787-20-4	91
3	Fenchone	152	C10H16O	001195-79-5	91
4	Fenchone	152	C10H16O	001195-79-5	91
5	D-Fenchone	152	C10H16O	004695-62-9	90





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Data File : VX042300.D
Acq On : 12 Jul 2024 14:16
Operator : JC/MD
Sample : P3219-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240710079-02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

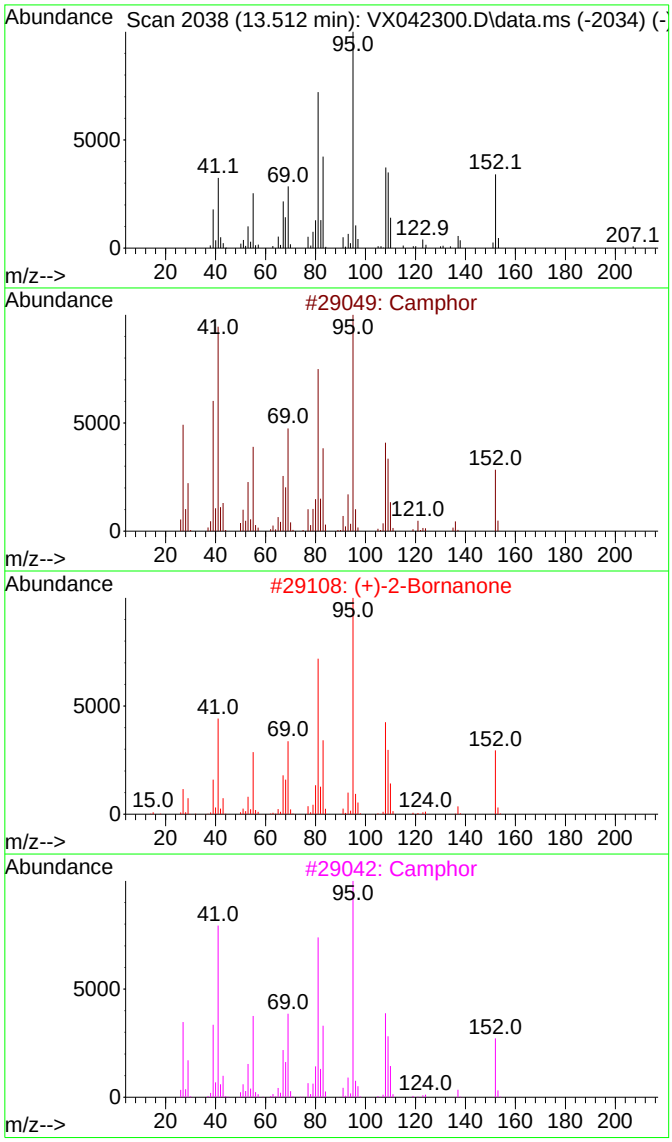
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

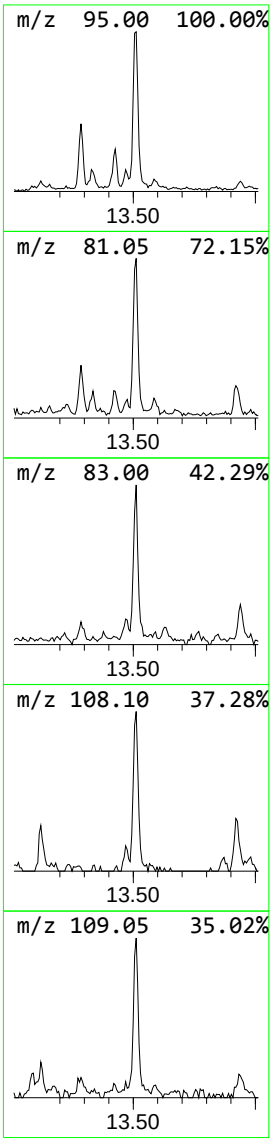
****

Peak Number 6 Camphor Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.512	4.10 ug/l	72344	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphor	152	C10H16O	000076-22-2	95
2	(+)-2-Bornanone	152	C10H16O	000464-49-3	95
3	Camphor	152	C10H16O	000076-22-2	94
4	(+)-2-Bornanone	152	C10H16O	000464-49-3	93
5	(+)-2-Bornanone	152	C10H16O	000464-49-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071224\
Data File : VX042300.D
Acq On : 12 Jul 2024 14:16
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240710079-02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Tetrahydrofuran	5.007	113.2	ug/l	551131	1	4.904	146085	30.0
Indane	12.244	5.6	ug/l	98322	3	10.055	529764	30.0
Fenchone	12.902	6.8	ug/l	119155	3	10.055	529764	30.0
Camphor	13.512	4.1	ug/l	72344	3	10.055	529764	30.0